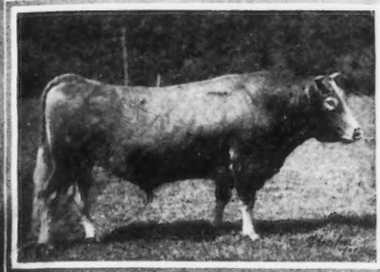
GUERNSEY BREEDERS' JOURNAL



Issued Semi-Monthly by The American Guernsey Cattle Club and Devoted to the Advancement of the Guernsey

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DAIRY JUDGING TEAM OF THE KANSAS STATE AGRICULTURAL COLLEGE WHICH WON THE AMERICAN GUERNSEY CATTLE CLUB TROPHY FOR THE HIGHEST SCORE IN JUDGING GUERNSEYS AT THE 1916 NATIONAL DAIRY SHOW

Top Row: R. E. Terrill, Associate Professor J. B. Fitch and F. S. Turner
Below: J. R. Dawson and Robert Osborne

Guernsey Breeders' Journal

The Official Publication of the Breed
Published on the 1st and 15th of Every Month by
The American Guernsey Cattle Club
Subscription, $2.00 a year

Designed to Promote and Advance the Interest of the Guernsey

Announcements

Hereafter this page will be devoted entirely to editorials written by officers of THE AMERICAN GUERNSEY CATTLE CLUB and by members of the office force. The announcements which have always appeared on this page will be printed beside the first column of Advanced Register credits.

Another innovation in this issue is the appearance of the names of sires that have qualified for the Advanced Register. The successful completion of Advanced Register records by two daughters of any registered Guernsey sire entitles him to appear in this list. The published lists will be continued in succeeding issues and will be placed at the end of the page of Advanced Register records that have been completed and approved.

Come to the Annual Meeting

The annual meeting of THE AMERICAN GUERNSEY CATTLE CLUB will be held on Wednesday, May 16, 1917 at 10.30 a. m. at the Hotel Imperial, Broadway and 32nd streets, New York City. On Tuesday evening preceding the annual meeting a Guernsey breeders' dinner will be held at 6.30 p. m., and following the dinner Professor J. M. Hover, of Bethany College, West Virginia, will give an address on "Some Correlated Functions of Economic Importance in Breeding Dairy Cows."

We received many letters of appreciation of Professor Hover's article on "Finding the Prepotent Sire" which appeared some time ago in the JOURNAL, and the opportunity to hear him speak at the annual meeting will be valued by all who can possibly attend the meeting. A number of interesting sales which will be worth even sacrifice on the part of breeders to attend will follow the meeting. These are announced in detail on page 290 and in various advertisements in this issue.

The regular meeting and program of the New York State Guernsey Breeders' Association will be held on the afternoon of Tuesday, May 15, 1917.

Regarding the Advanced Register

One question that will probably be thoroughly discussed at the annual meeting is whether or not more recognition and publicity should be given to cows that in addition to meeting the Advanced Register requirements also give birth to a living calf within a certain period after completion of the record.

This question was presented in an editorial in the March 15 issue of the JOURNAL entitled "The Yearly Test," and the way in which it is taken care of at present was fully described there. Previous to the appearance of the editorial there had been worked out in the CLUB'S office a plan for the establishment of a "roll of honor," or higher standard within the Advanced Register. It is expected that this plan together with others will be presented for consideration at the time of the annual meeting.

Elsewhere in the JOURNAL we print a communication with suggestions along the same line from a committee of the Western Guernsey Breeders' Association, which has been considering quite seriously the question of delayed breeding when cows are under test. This committee will probably present some plan that embodies their views on the subject, and other organizations are urged to do the same. It is hoped that all who are interested will carefully consider the matter and opinions of those who cannot attend the meetings are earnestly desired. Everyone who has definite ideas on this important matter should present them at this time.

Any plan which may be adopted should be drawn up so as to admit to this "roll of honor" any cows now in the Advanced Register that have met the new requirements. It is believed that a simple and satisfactory standard can be adopted which will take into consideration, and give proper credit for, early and regular breeding. Such a roll of honor would add greatly to the interest in the Advanced Register among a larger number of breeders and be of unlimited benefit to the breed.

More calves from the best cows, should be our slogan.

Guernseys and the World War

The burden of the great war lies heavily on the farmers of the United States. We have been called upon to render a great service in helping to feed the world during the present crisis. In the early years of peace after the war the demand for American food stuffs will continue to be great, and methods which will increase its supply are worthy of adoption by every tiller of the soil.

Breeders of Guernsey cattle can aid mightily in eliminating waste and conserving the farm crops for the production of the most perfect and economical human food. The highly specialized dairy cow produces food at a very low cost, and breeders of the "yellow and white" cows possess the seed that should be sown in every nook and corner of the land which is adapted to dairying. By the wide distribution of pure bred sires and the resulting increase of economical utilizers of feed for milk production, there will be provided an extensive and intensive market for the forage crops and by-products of grain crops grown on American soil.

We are assured that the resulting increase in the supply of milk will not act unfavorably toward the farmer, because the demand will be always greater and greater. Not only is condensed milk exported in large quantities, but the consumption of dairy products at home is bound to increase due to many factors, two of the most important of which are the high price that is prevailing for other food stuffs, and the campaign of enlightenment that is being carried on by and at the instigation of the National Dairy Council. Through its advertising, the wonderful properties of and values in dairy products are fast becoming known, and the dairymen are being greatly aided in performing a service for their country that is exceeded by none other.

We urge that increased care, therefore, be exercised in raising the best progeny of your herds, and that a special effort be put forth to place good bulls where they will bring about the greatest percentage increase in production of daughters over dams.

A. R. Sires and Great Producing Dams

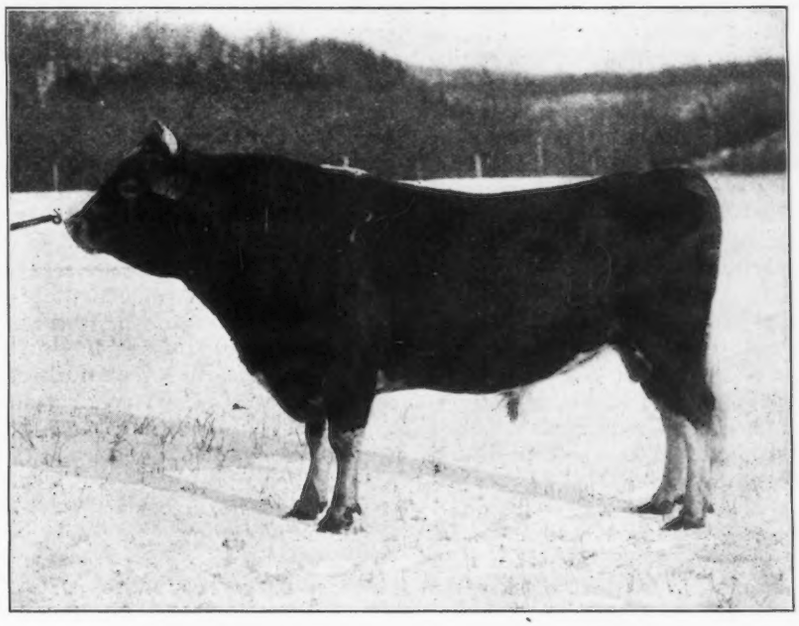
Many of our subscribers will be disappointed in not finding in this issue a list of Advanced Register Sires and Great Producing Dams, and a complete list of Advanced Register cows. Due to the great bulk of work which always surrounds printing offices in the spring of the year, together with the high cost of paper and other printing costs, it seemed advisable to delay the publishing of these lists for a few months. We have been assured that we can make a considerable saving in expense by so doing, and we hope that the lists will be available before fall. Meanwhile if there is data about an animal which any of our subscribers desire we will gladly furnish them upon request.

DEVELOPING THE DAIRY HERD

J. R. Bent's Address Before Western Guernsey Breeders

I AM not here to pose as an expert or an authority, or to try to tell you (many of whom are older and more experienced breeders than I) what you should do. I am here because I am deeply interested in the Guernsey and her betterment, and feel that there are great possibilities for our breed, and if I can help to inject, be it ever so little, more "ginger" into the Guernsey business, I am willing to make the effort. What I say, therefore, is not said in any "cocksure" or dogmatic spirit but represents my own convictions, and is offered in the hope that it will provoke general discussion and further thought, and that these will result in good. Much that I can say may seem trite, and yet many self evident and well known facts can be repeated with profit, for often the best known truths are the most easily neglected.

We can not read very deeply into the history of the development and improvement of any of the breeds of domestic animals without being thoroughly convinced, in a general way, that culling and selecting are the absolute backbone of such work, but it is not so easy to recognize and apply the details. What is a pure breed? Is it something that has always had definite, fixed characteristics which set it off clear and distinct from other breeds and races of animals? I think we are quite too prone to drop into this attitude of mind. In the case of cattle, for instance, the various so-called pure breeds of the beef and dairy varieties have sprung from the same original source. They differ as widely as they do, simply because nature or mankind has operated through natural or intelligent culling and selecting to adapt them in a measure to various specific and widely differing conditions and uses. When this process has reached some arbitrary man-made standard or degree, and not till then, we say a certain group is a "breed and pure."



IMP. REFORMER OF THE CHENE 22004

Sire—Governor of the Chene 1297 P. S. Dam—Le Gillis May 3334 P. S.
A representative of one of the four families being developed at Bailey Falls Farm, Oglesby, Illinois.

I believe that when we saturate ourselves with the idea that a breed is a valuable, useful, work of art, *always in the making*, and *never quite finished* we have placed ourselves in the only frame of mind through which we can attain the greatest results. The further we divert nature to meet our specific and varied needs, as in the case of pure breeds, the more tendency there is for nature to reassert herself, and for the pure breeds to revert more or less to original type. Only by constant culling and selecting can we offest this "drag of the race" as it is termed. On the other hand careful culling and selecting are powerful agents for further and further specialized development. There is as yet no indication that we are approaching the limit of the potency of these agents in this regard. It is a hard matter to stand still; unless we make progress we are almost sure to retrograde.

We Guernsey breeders are really only at the beginning of our possibilities. With each new world's record production of milk or butterfat, it becomes harder and harder, of course, for another one to break it. Still, larger ones keep showing up, indicating that we are not yet very near the limit. The really significant fact, however, in the advanced Register work, is the great and rapid increase in the *number* of animals with large records. Among the Guernseys during the last year or two there have been made many records, that, while not quite the equal of the greatest, are nevertheless larger than the largest record of several years ago. These show the latent possibilities of the breed, and indicate that the ability to produce enormously is a characteristic of the breed itself, and not simply a variation of some one or more individual animals in it. The rank and file of the breed can, comparatively easily, be greatly improved and developed. There is always more room for improvement among the middle and lower ranks than there is among the best; and moreover, it does not take such extraordinary genius to bring such improvement about.

We stand back and contemplate with covetous admiration the large, famous records, while at our own hand is the opportunity for great and more practically valuable improvement in our individual herds. I fear too much importance is being attached to the enormous record, and not enough to the desirability of having more cows in the five to seven hundred pound class. Large records have their place, and are immensely valuable for what they demonstrate and the lessons they teach. We breeders find in the methods of handling the world record animals, and the pedigrees behind them, valuable lessons that we can adapt and apply to our everyday herds and breeding operations. The great automobile races are of of little *direct* worth to the public except as a means of amusement; but to the manufacturer they are of great value in helping him to perfect the efficiency, durability, and dependability of the every day passenger and business cars and trucks.

Perhaps I can say here as well as anywhere, that I believe

the principle of selection should first of all, and with great profit, be applied to the breeders and owners themselves. A man who keeps a pure bred herd and has no special interest in its past or future, even if perhaps he has in its present, is, I believe, a burden to the breed, and is from his own selfish standpoint, making a mistake in keeping pure breds.

I do not wish to imply that, what is known as a dealer is of necessity an undesirable pure bred stock man. Many of the best friends and boosters of the breed are either partially or exclusively, dealers; but I do wish to say that I believe a man whose sole interest in the breed is the money that he can get out of it, and who will buy, and re-sell at a profit, any animal that has a formal document attached to its name, regardless of the animal's individual merit, or worthlessness, is a hindrance rather than a help to our progress. Again, the unwilling customer is a poor one. It does us harm in the end rather than good to cajole the unwilling beginner or ordinary farmer into buying one or more pure bred Guernseys, unless we have reason to believe that he will become more deeply and permanently interested in them.

One need do but little traveling and observing to be forcibly impressed by the great improvement that has been made in grades. There is a large number of truly wonderful grade Guernsey cows to-day. Ignoring their more or less uncertain ability as reproducers and considering only their ability as producers, they rival the best of the pure breds. One often hears the statement made by some average farmer or dairyman that a herd of good grades is more profitable as producers than a herd of pure breds. Unconsciously he makes the unfair mistake in his comparison that all of us are prone to make in our breeding operations. He is setting off carefully selected grades against average or below average pure breds. My point is this: Grades are, comparatively speaking, inexpensive. Any breeder or dairy farmer, if he is progressively inclined, can and does make intelligent and fairly thorough selection of his grades. He is willing to send to the butcher the grade that does not show a reasonable profit in addition to its keep but how about the pure breds? They cost more and the owner feels that he cannot afford to suffer the loss incident to culling. Therefore, he either keeps in his own herd, or shuffles off, at a fairly large figure, into some other man's breeding herd, the pure bred animal that is unprofitable. In one herd or another, it and its progeny are kept and utilized to perpetuate the undesirable features, and the breed as a whole suffers. The pure bred is the means by which the grade has been produced and improved, and it is up to the pure bred to keep the lead.

Now, as to a few of the detailed features that occur to me. First I believe that the average breeder keeps too few bulls, and depends too exclusively upon them. He may not keep them too long. He may compound his mistakes by keeping but one bull, and then selling it too quickly and replacing it with another of equally uncertain value. A young bull is purchased and as soon as he is useful of age he is used freely. As soon as his daughters reach breeding age, and before their merit can be ascertained, the bull is sold and another one takes his place. The saying that "the sire is half of the herd, and you cannot have him too good," has been nearly worn out with use, but while we concede that it is true, we balk over a few dollars when we come to selecting and paying for a good bull. It is my conviction that there has not yet been anywhere hear enough paid for a really excellent Guernsey sire. We Guernsey breeders are more or less ridiculed by those in other breed circles for our ultra-conservatism. The beef breeders especially are far in advance of us in their appreciation and willingness to pay the price. Why is it? Are they better able financially to do so than the average Guernsey breeder? I think not. They have discovered that $500, $1,000, $10,000 or even $25,000 judiciously invested in a high class bull is a good investment compared with smaller sums paid for much less worthy bulls.

I believe that every progressive breeder should keep proved successful sires; or if this cannot be, then several unproved youngsters whose individualities and pedigrees make them promising, and give each of these youngsters a limited opportunity to prove himself, and later use the successful ones extensively and send to the shambles or otherwise eliminate the unsuccessful ones. It will pay. All real progress and genuinely productive work is attended with temporary sacrifice, and there is a vast difference between such productive, temporary sacrifices and dead losses. The seed corn grower does not consider as a loss the large percentage of grain that he eliminates in the interest of a supply of uniformly high standard seed; the fruit-grower who extensively prunes his trees, vines and bushes, does not for a moment consider as a loss the material that he has cut away. So I believe that we producers of the seed stock of a great dairy breed, should not regard as a loss the elimination of the worthless or harmful pure bred animals from our breeding herds.

We hear much said of prepotency these days. It is a great force, but not necessarily for good. It is great for good when backed by good qualities. It is equally great for evil when backed by undesirable qualities or weaknesses. No field has yet been developed to the point where weeds do not appear and need to be ruthlessly dealt with. No pure breed has yet been developed to the point where every animal born in it, is an efficient and high standard one that should be preserved. Only as we adhere unflinchingly to a high and permanent standard can we reap lasting rewards and in the end the greatest harvest. Failure to do so is but to ride to an ultimate fall. For unless we develop and keep our breed up to its possibilities as valuable prepotent seed stock, capable of greatly improving the common stock, we will fall in our mission, and just in proportion as we fail in our mission, we will ultimately fail in a business way.

I have said that I do not believe there has yet been enough paid for a strictly high class sire. There should be a much wider range in price. The best are worth far more than they bring, and a great many are worth less than they bring. Even the average price is not high enough, but in raising the average I would greatly spread the range. Everyone concerned, breeder, dealer, dairymen, creamerymen and consumer would, in my opinion, be much bettered were the quality, even at the expense of the quantity, of our foundation stock greatly improved.

There has been considerable said recently in regard to community breeding. It would seem that there are great possibilities in this plan. Small breeders can combine and purchase one or more truly valuable sires instead of each trying to keep, on his own account, one of doubtful quality. If the community or club is large enough, and can raise funds enough to have several such sires, all the better, for this will permit of that which I believe is of tremendous importance. I refer to intelligent matings. "The best to the best" may be a good principal in a general way, but it certainly needs intelligent application. There is more good to be derived from real intelligent mating of *good* animals, than there is in an unintelligent mating of still better animals. Each of the great constructive breeders of the world has made most of his progress through shrewd observance in detail of the characteristics pertaining to each of the individual animals with which he worked, and the clever combining of the blood of one animal with that of another so as to develop the good qualities and minimize or neutralize the weaknesses, each of the other; and to this end, these master breeders have often made use of individual animals that would be entirely ignored or turned down by the rank and file of the breeders.

The famous early English breeder Bates was laughed at by the "wise heads" when he purchased Young Duchess, later known as Duchess 1st; but he announced that he would not sell her for a very large sum, and from her sprang the sensationally famous and high priced Duchess family of Shorthorn cattle. Old Hambletonian 10th is said to have been comparatively poor from the speed standpoint, but his blood is the foundation of practically all of the great track horses of to-day. I have in mind a most ungainly, and ill formed Percheron stallion that was doing service in Northern Illinois some years ago. He was, however, the sire of uniformly, well formed, and useful work stock, as was also two of his pure bred sons. The cow with one or more quarters of her udder gone, or who has met with some disfiguring misfortune may herself not look very good in the barn along side of your show heifers; but she may be worth her weight in gold in her influence on the appearance and usefulness of your herd in the future. "Beauty is as beauty does" and selection should be determined on this basis.

We make use of the term "niching," and speak of it in a mysterious way as though it were some lucky accident of nature. Be it what it may, and whether or not it can be anticipated by the master breeder, for us to recognize its existence at all is but to recognize the fact that outward appearances alone may deceive and that only "by their fruits shall ye know them." Intelligent matings can be partially accomplished by a careful consideration of the individual characteristics of conformation, constitution, and production of the animals mated—but better still, and much more surely can results be obtained by an equally careful consideration, if there has been time and opportunity therefor, of the reproductive abilities and peculiarities of each of the animals that it is proposed to mate. The practice of inbreeding has its strong advocates and strong opponents. This is because it is a very effective tool and can be utilized to great good, or be misused disastrously.

Families are the natural result of more or less line or inbreeding. Families are to an extent desirable and inbreeding when judiciously practiced is undoubtedly of great value, but I deprecate any tendency toward making a fad of any one or two family lines. I hope the Guernsey breeders will not be guilty of developing breeds within the breed. It is doubtless desirable for the great constructive breeder not to dissipate or unnecessarily dilute the blood of some one or more great animals that have proved very prepotent for good. For instance, Mr. Ames' work with the May Rose blood has been of inestimable value to the breed, but for the rank and file of us breeders to lose our heads and pay a big price for some animal regardless of its individual merit simply because it traces two or three times, at perhaps a great distance, to old May Rose 2d 3251 P. S., is to be guilty of senseless chasing after a fad. Do not misunderstand me. May Rose 2d 3251 P. S. was very prepotent for good and her blood is undoubtedly very valuable; therefore, the chances are relatively good for an animal carrying that blood. But my point is this, do not be possessed of but *one* idea. Each animal should be required to demonstrate its own merit. Pedigrees are, of course, of great value, but as an approximate indication only. What lies back of an animal to a great extent foreshadows what we may expect from it.

Show records also are of great value. A combination of these two is more valuable than either alone. Add to the high class pedigree, great show type, and the best of producing ability, as indicated by the Advanced Register or otherwise, and we have well-nigh an ideal foundation animal; but there still remains an opportunity for selection of which we could and should make use. I refer to selecting with regard to the feature or features, of which your or my individual herd stands most in need to improve it, and to the relative ability of an animal to stamp that feature or those features on its progeny. Here is where the master breeder succeeds, and we can all, from the top to the bottom, copy him, and bear his methods in mind, using them to the best of our lights with great profit, even if we fall far short of his genius in judgement and insight. While keeping up our efforts we should apply them along a definite previously thought out line. We should not try to build Rome in a day, but should take, at one time, but one, or at most perhaps two, features for improvement, in addition to ever keeping uppermost the vigor and fertility of our stock.

Right here let me digress a little. I believe we overlook too much the fact that in nature the blood of the prolific or fertile animal automatically greatly outnumbers in the offspring that of the relatively sterile one, and in the struggle for existence that is ever on among these fertile ones only those of vigorous constitutions remain to reproduce their kind. Thus nature keeps up the vigor and fertility. But man steps in, and in his blind efforts for milking capacity or speed or strength of muscle or quality of wool fibre, overlooks the natural selection, and we see many instances of disaster, such as the extinction of the truly great Duchesses by the short-sighted breeders that followed Bates. We must preserve the foundation or the super structure is worthless.

To-day we hear on every hand talk of the high cost of living. The National Dairy Council is striving in every way that it can to point out that one of the solutions of this great problem lies in more and better dairy stock. Sooner or later this is going to be more generally recognized and a greater demand for such stock must, and will come. We should be ready to meet it. We will reap a reward just in proportion as we are prepared.

In conclusion I will say that I think we have the greatest breed of the greatest branch of domestic animals, and the greatest, cleverest, finest lot of men behind it, and with the spirit of harmony and cooperation that exists among us, our opportunity and prospects could hardly be brighter. It is up to us to take off our coats and take advantage of the situation.

A NEW CLASS F LEADER

IT is seldom that the honor and glory of having a Class Leader in one's herd falls to the new and small breeder, but this honor has come to the Columbia Mills Inc., of Minetto, New York, through their heifer, Janet of Oakhurst 45297 which produced 11006.0 pounds of milk and 617.76 pounds of butter fat giving her ninth place in class F. This herd was started by the purchase of two cows in calf and two bred heifers from Oakhurst Farm and a bull from Elmpines Farm one year ago last June.

The herdsman selected was a man taken from their mill, who had once owned a small farm himself, and whom they sent to Cornell for a three months course. An old house-barn was converted into a stable for these four cows and when the first heifer, May King's Belle of Oakhurst 45567 freshened, she was started on test and made a record of 516.4 pounds of fat.

Later in the season when Janet of Oakhurst 45297 freshened with a heifer calf, she was put on test and completed her splendid record which is all the more remarkable, considering the crude equipment of the barn; no running water

before her; standing in the stanchion and all during the hot summer days out in the field with the other three cows fighting flies as she hunted her feed; she carried a calf for six months of her test and was fed and cared for by a man who had never before fed for, or done any Advanced Register work.

Her sire, Barrington May King 19312, I believe is destined to be one of the great sires of the breed in producing high testing daughters, and when Janet of Oakhurst 45291 was only half through her test, they realized the prize they had, and three more of his daughters were purchased, which now completes the foundation herd.

Barrington May King 19312 has recently been sold to C. D. Cleveland of Eatontown, New Sersey.

Her dam, Imp. Jeannette of the Duvaux III. 39652, is a full sister to Imp. Jeannette of the Duvaux II. 27498 A. R. 2405, an Advanced Register cow with a record of 10818 pounds of milk and 451 pounds of fat; sired by Imp. Sequel's Monogram 15649 A. R.

She has proved such a persistent milker, that it was impossible to dry her off before calving the other day, and they are contemplating a re-entry record with her.

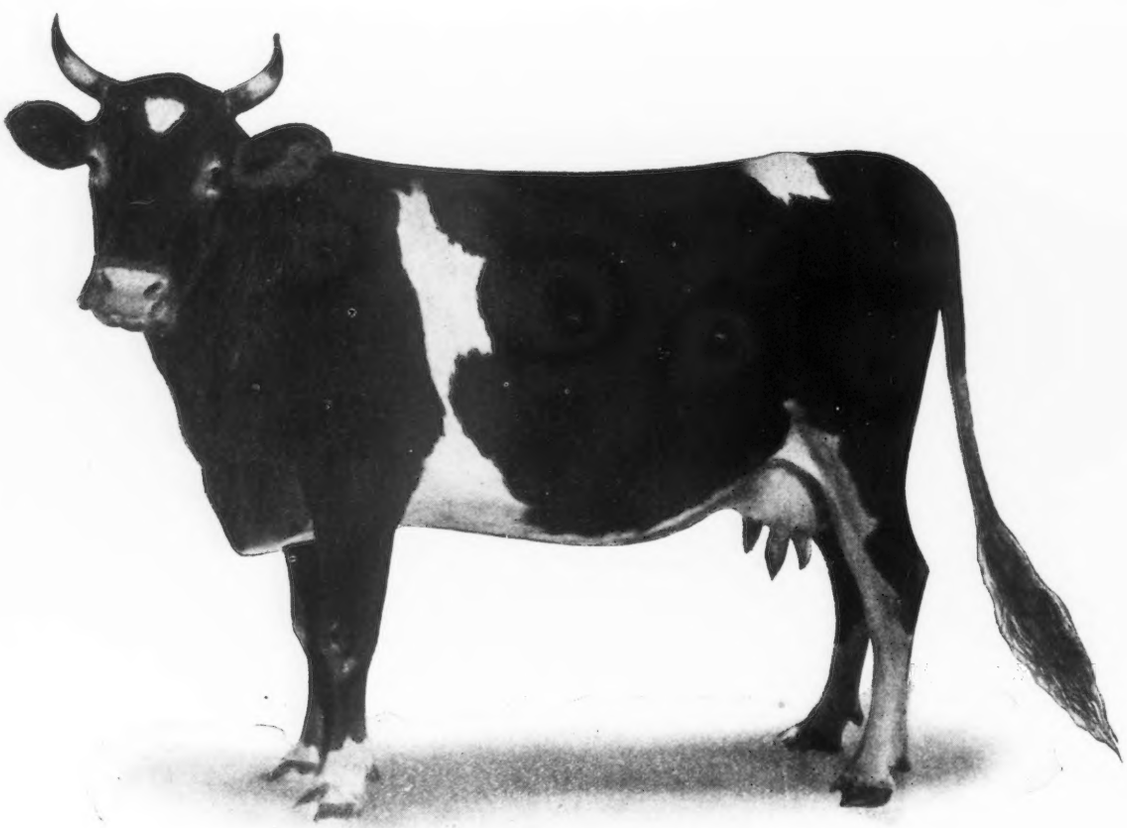
Janet of Oakhurst 45297 will have a new home the coming year, as this summer the Company will erect a modern up-to-date cow barn costing about $7500.00 and fit it with the best equipment that can be purchased. It will stable some forty cows and young stock. A study of her record shows what a steady and consistent milker she is, and what a credit she is to her sire.

A detailed statement of her breeding and production follow:

Sire—Barrington May King 19312 A. R.
Sire—King Bell 13482 A. R.
Dam—Ashland's Violet of Lyndon Heights 22045 A. R. 2501.
Dam—Imp. Jeannette of the Duvaux III. 39652.
Sire—Imp. Sequel's Monogram 15649 A. R.
Dam—Jeanette of the Duvaux R. G. A. S. 6106 P. S.
Breeder—Frank A. Hotchkiss, Millerton, N. Y.
Owner—The Columbia Mills, Inc., Minetto, N. Y.
Born—Apr. 25, 1913. Calved—Dec. 9, 1915. Served—June 8, 1916.

Supervised by Cornell Agricultural Experiment Station, Ithaca, N. Y.

		Milk Lbs.	Butter Fat Per cent.	Butter Fat Pounds
Dec. 13,	1915	560.4	4.90	27.46
Jan.	1916	1140.4	4.90	55.88
Feb.	"	1009.3	5.69	57.43
Mar.	"	1016.7	5.74	58.36
Apr.	"	974.6	5.22	50.87
May	"	998.9	5.48	54.74
Sune	"	898.8	5.88	52.85
July	"	873.1	5.28	46.10
Aug.	"	908.7	5.29	48.07
Sept	"	788.0	6.08	47.91
Oct.	"	800.1	5.84	46.73
Nov.	"	750.0	6.87	51.53
Dec., 12,	"	287.0	6.91	19.83
		11006.0	5.61 Av.	617.76



JANET OF OAKHURST 45297

Class F Record: 11006.0 lbs. milk; 617.76 lbs. fat

Sire—Barrington May King 19312 A. R Dam—Imp. Jeannette of the Duvaux III. 39652

Owned by Columbia Mills Inc., Minetto, New York

ESSENTIALS IN PRODUCING AND HANDLING MARKET MILK

By PROFESSOR H. F. JUDKINS

THE market milk business is that branch of the dairy industry which is best adapted to Connecticut. The secret of gaining a profit in this business depends upon two things, namely, the efficient production of a graded and labelled product, and marketing by groups instead of as ndividuals.

The demand today is for better milk, and milk of known quality. It is in regard to the production and handling of this kind of milk that I wish to speak this morning. There are three real essentials in the producing and handling of market milk which affect the quality of the milk. These are cleanliness in the milking and handling operations, the sterilization of all utensils coming in contact with the milk, and the proper cooling of the milk.

The score card for milk is designed to be an adequate measure of how well one has observed these essentials. Before discussing the proper and improper methods of carrying out these essentials, let us examine this score card in order that we may see what defects in milk are considered most serious. It is necessary to understand what these defects are and what causes them in order that, we, in out work of producing and handling milk, may know how to so do and work as to overcome them.

You will notice on this chart that the first enemy of good milk are bacteria, the diaryman's great bugbear, sometimes a seemingly unconquerable foe. The bacteria count is of so great importance that where the dairyman succeeds in keeping the count down extremely low, he is given thirty-five points out of a total one hundred which he must obtain to have a perfect product in this respect. The sources of bacteria in milk are diseased udders, dirt and multiplication. Bacteria are undesirable in market milk because they cause the decomposition of milk and quite ferquently cause illness. The bacteria count is the most accurate means yet devised of indicating to us the conditions under which milk has been produced and handled. There is always a reason for high bacteria counts in milk because milk just as it is drawn from healthy udders contains very few bacteria. It is of course unfortunate that the bacterial test as commonly applied to milk does not tell us at once just where in the milking and handling operations the reason for the count lies. It may be to a diseased udder, to various unclean methods, to improper refrigeration, or to a combination of all three. Neither does the bacteria test spot the disease, and it is obvious that kinds of bacteria are more important than numbers. It should not be understood that high numbers of bacteria necessarily mean that the milk is dangerous, but they are a sign of warning, and an indication of carelessness. Let us remember then that the real usefulness of the bacterial count consists in telling us the approximate numbers of bacteria in milk and hence the conditions under which it has been produced and handled, and not in telling us to within a few bacteria the exact numbers in a single sample of milk.

The next point considered on the card is flavor, with a value of twenty-five points. Flavor is important in that it affects the commercial value of the milk. No one knows just what a perfect flavor is, so milk is never scored perfect on flavor, 24.5 points being about the maximum. The common off-flavors in milk are spoken of as feed, weedy, stable, cowy, strong, stifled, sweet, stale and slur. Practically all of these flavors explain themselves.

Sediment is next in order on the card. No consumer is satisfied with milk in which there is considerable sediment. This is detected easily by holding the bottle of milk at an angle and watching the dirt move about. Common kinds of sediment are bedding, manure, hairs and sweater fibers.

Acidity is the other point to bear in mind. Market milk must be so handled that it is not sour or on the road to sourness when it is delivered.

It now remains to discuss separately the factors which have a bearing on each of the four points that have been mentioned. We discuss them separately because there is not necessarily any relation between any of them. Let us spend a minute on this point which seems generally misunderstood. Milk which shows a high bacterial count may have the finest of flavors, may be free from dirt and show a very low percentage of acidity, or visa versa. This is because the bacteria count depends mostly on the condition of the utensils and the refrigeration of the milk. It is certainly possible and quite probable that these factors have no effect on flavor and sediment. The acidity of milk does not show a perceptible increase until the bacteria count gets into the millions. Milk which is very dirty may have a very low bacteria count if it has been properly cooled and held. The chances are more than even that the sediment does not affect the flavor.

The factors bearing on the three essentials—cleanliness, sterilization of utensils, and cold, and in turn upon the tests which tell whether or not we have properly observed these essentials, namely the bacteria, flavor, sediment and acid tests, can be placed under the heads of (1) factors affecting the quality of milk before and at time of milking and (2) factors affecting the quality of milk while it is being handled after milking.

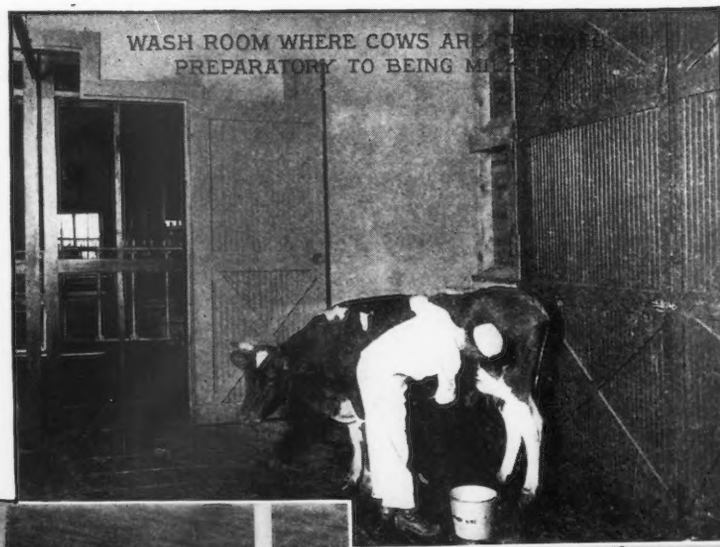
There are many of these factors which have more effect upon the quality of milk than others and there is still room for experimental work on many of these in order that we may know just how important they are.

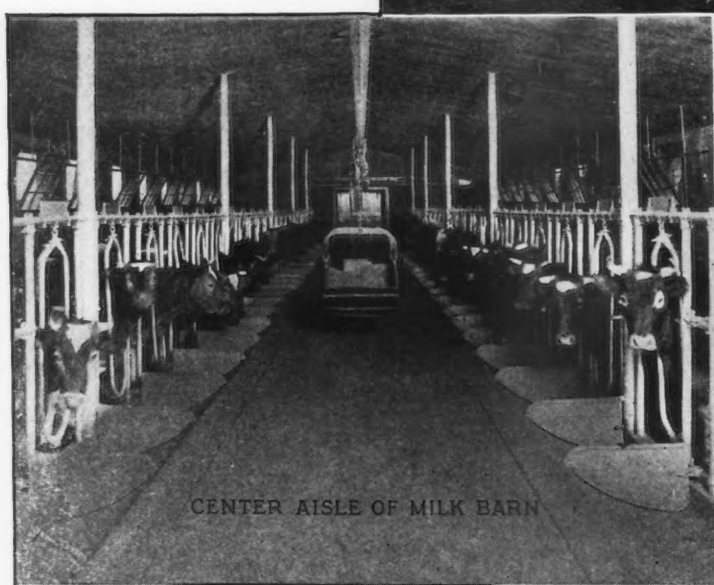
Certainly the first requirement for good market milk is a relatively inexpensive, well constructed, and clean cow stable. Some will say that the condition of the stable has no effect upon the quality of the milk produced therein, and it is true that by using proper methods high grade milk may be produced in a very poor stable, and visa versa. In other words methods are more important than the equipment as far as milk quality goes. But these cases are the exception rather than the rule. Suppose the condition of the stable never had any effect upon milk quality, would this be our excuse for producing milk under conditions fit only for the production of pork? Not much. Would the Shredded Wheat Biscuit Company consider manufacturing their product in the plant of the American Glue Company? Not much. It is the advertised sanitary conditions of the Shredded Wheat Biscuit Plant which we read about and which we may see upon a visit to the plant that makes us eat more shredded wheat and eat them with a relish. So it is with the dairy. There is no better ad. for your milk than a clean stable. I have had no intentions of advertising shredded wheat biscuit. They don't need it. But of course shredded wheat biscuit soak up a lot of milk. See the point?

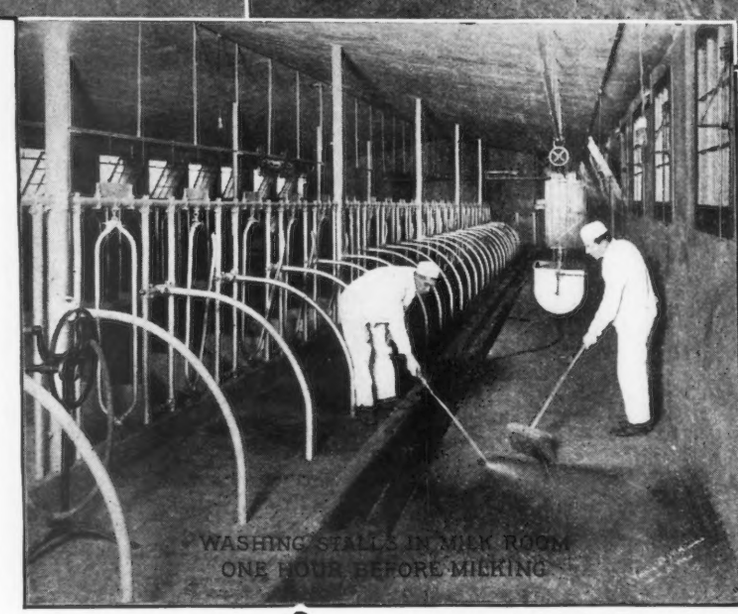
After the proper stable comes healthy cows as the next requirement. This hardly needs comment. Probably no

one knowlingly intends to sell milk from cows which are diseased so that the health of the consumer is affected by using this milk, and yet this point will bear strict watching in the production of milk that *is* milk.

Next in line comes the preparation of the cows for milking. This affects principally the sediment test, and to a less extent the flavor and bacteria count. It is obvious that the flanks and udder of the cow should be free from dirt of any kind that may drop into the milk as it is practically possible to have them. Cows ought to be curried often enough to keep them free from loose dirt, hairs and cow manure. If dirt from the cow gets into the milk it will cause a cowy flavor much more than will cow manure. This point was noted in preparing samples for class work. A rag which was rubbed over a cow and then washed on some milk caused a decided cowy flavor, after a short time, while it was impossible to detect the flavor of some cow manure soaked in the milk the same length of time. It is easier to keep the flanks and tail clean if they are clipped occasionally. Before milking wipe the udder with a moist cloth. Washing the udder and then wiping is not necessary or practical unless they are literally covered with mud as is often the case when they come in from pasture in the spring.







Clean cows, clean feed rooms, clean stables and clean men, together with clean utensils and proper methods of handling are the essentials in producing market milk of the highest quality.

The cow being prepared, how about the milker? The milker's methods may have considerable influence on the bacteria count and sediment test. The milker should wash his hands before starting in to milk, and as often thereafter as they become dirty. Some milkers wet their hands with milk or something else and it is a good milker that never gets any milk on his hands when milking a number of cows. This may drip into the pail. If so let us have this drip as free from dirt and bacteria as possible. It has been shown that time and time again anyone's hands are usually laden with bacteria. The nature of the milker's uniform is probably of minor importance as far as milk quality goes. However, the aesthetic side of this should receive consideration. The very color of the milk is an emblem of purity and therefore the milker's garb should be in keeping with the nature

of the product he is handling so white overalls and jumpers are recommended. Another reason for white suits being recommended it that they show dirt and soon they get so bad that we are ashamed to wear them until they are again washed. Dirty overalls and sweaters are just as much out of place on a man handling milk as a dress suit on a laborer in the ditch. The sweater should by all means be tabooed as an outside garment for a man handling milk after it is strained. In scoring milk during the winter months it is very common to find sweater fibers of various colors in the bottom of the milk bottle.

The next point to consider is the receptacle into which the milk is to be drawn from the cow. Where hand milking is practiced no man can show me a good argument for not using a small mouthed pail. Experiments at several stations including the one at Storrs have shown that the dirt and bacteria kept out of milk by the small mouthed pail over the open pail to be tremendous. It can be easily realized that this must be the case, since when three fourths or more of the top of the pail is covered it is impossible for as much dirt to get into it as if it was all open. Probably the three principal reasons why the small mouthed pail is not used more because it is a change from a pail long in use and cannot be bought at all the country stores, as can most any kind of tin pail and they seem to be a little harder to milk into at first. Get the pail with the eliptical opening. It is easier to hit than the round one and with a little practice is as easy as an open pail.

The milking machine will be spoken of only as it affects milk quality and very largely the bacteria count. If fifty men started to use milking machines at once and had their milk tested for bacteria, it is probable that a large percentage of them would find their counts higher than when they milked by hand. This statement is based on observations in milk scoring work. In our educational scorings, machine milked milk has been exhibited that has received scored ranging from zero to perfect. This implies that milk of low count can be milked with the machine and visa versa. It depends on the man using the machine even more than it depended on him when he milked by hand. It must be understood that the milking machine is not a cure-all for dirty milk or milk of high bacteria count. The cows need the same preparation as if milked by hand. A small mouthed pail should be used for stripping. The directions for washing and caring for the machine parts should be carefully followed. The tendency on the part of many is not to observe these points properly, hence they get high counts and condemn the machine. It is my opinion that many men in keeping a milking machine feel that it is going to be easy for them to make clean and low count milk. As a matter of fact they usually find that it is a little more difficult to do this than before, i. e. there is need of exercising more care.

The condition of the stable air at milking time and the system of handling are points next to be considered. It has been commonly supposed that the stable air was one of the principal sources of bacteria in milk. Recent experiments at the Geneva, New York, Experiment Station show that this idea is a fallacy. The following is the conclusion reached.

"While these investigations show that the numbers of bacteria present in stable air exceed those found in country air, city street air, air of offices, schools or factories, they prove very clearly that the number falling into milk during milking or during any short exposure in the stable under conditions allowable in any respectable dairy, is so small as to be negligible. Milking under extremely adverse conditions like feeding very dusty hay or grain just before or during milk ing, and especially exposure of milk in the open pail for any considerable time under such conditions should of course, be avoided."

The feeding of certain feeds just before or during milking may have a decided influence on the flavor of milk. There is a field for some fine experimental work on this point. Experience in scoring milk has pointed out that feed flavors are the most common off-flavors in milk, and that both silage and grain flavors are caused by feeding at milking time. It is probable that the milk takes on these flavors from the air, from the cow's system, or from both.

The time the milk is allowed to remain in the cow stable has a decided influence on the flavor of the milk. Of course the damage done also depends on whether the stable is well ventilated. A milk room of some kind, be it ever so small, is mighty essential. If milk is strained into cans behind the cows or in one end of the stable it is most sure to take on whatever odors may be pronounced in the stable. Sometimes in the winter months the silage is pitched into the truck at night and pushed into the barn overnight, to keep it from freezing, and then it is fed next morning and milking started without any previous ventilation. A silage flavor is bound to appear in milk drawn under these conditions.

Now as to the factors affecting milk quality after it is drawn. The first is the straining process which affects the bacterial count and sediment test. The object of straining milk is to get rid of the visible dirt which gets into milk no matter how much pains one may take. Straining is not an excuse for careless methods nor a remedy for dirty milk. The bacteria count in milk is usually increased to some extent by straining. This is probably due to the splitting up of clumps of bacteria and washing them from dirt and hairs during the straining process. The efficiency of the straining depends almsot entirely on the kind and amount of material through which the milk is strained. Hence it can be seen that the sediment test applied to a number of samples of milk is no indication of which sample was actually the most clean before it was strained. If straining conditions were uniform say four thicknesses of cheese cloth and a number of samples were strained under these conditions then the sediment test would give an idea of which was the cleanest milk before straining, because clean milk strained under the same conditions as dirty milk is still cleaner after it is strained than is the dirty milk after it is strained. Cheese cloth and cotton pads or a combination of the two are in common use. There are strainers designed to use the cotton pads alone and if these do the work satisfactorily it is better to use them because it is cheaper than cheese cloth and it does away with the chance of using the same straining material more than once. It is poor policy to use a cheese cloth strainer more than once unless it is thoroughly washed and sterilized, Too often is a second hand strainer cloth a source of many bacteria, and then again cheese cloth is flimsy and its straining powers are impaired after much scrubbing.

The next step, one of the most important of all, is cooling the milk and keeping it cold. This subject is partially covered at least by the writer in Storrs Extension bulletin 1. The following table taken from Storrs Bulletin 26 clearly shows that to keep the bacteria count down and to keep milk from souring it is absolutely necessary to cool at least to fifty degrees Fahrenheit; even better, to forty-five degrees Fahrenheit and hold it there.

NUMBER OF BACTERIA PER CUBIC CENTIMETER IN MILK KEPT AT DIFFERENT TEMPERATURES.

No. at Outset	In 12 hrs. at 50	In 12 hrs. at 70	In 50 hrs. at 50	In 50 hrs. or at time of curdling at 70	No of hrs. to curdling at 50	No. of hrs. to curdling at 70
46,000	39,000	249,500	1,500,000	542,000,000	190	56
47,000	44,800	360,000	127,500	792,000,000 36 hrs.	289	36
50,000	35,000	800,000	160,000	2,560,000,000 42 hrs.	172	42

The following are some methods applied to cooling milk:

1. Cooling cans of milk in still air refrigerator.
2. Cooling cans of milk in circulated air refrigerator.
3. Cooling cans of milk in running water.
4. Cooling cans of milk in ice water.
5. Cooling milk by running same over cooler.
6. Cooling milk in bottles by either of the first four methods (In either of the first four methods the milk may receive some stirring.)

These methods will be discussed very briefly. Air is a poor cooling medium compared to water. Milk cannot be satisfactorily cooled in either cans or bottles in a still air refrigerator.

Recent government experiments show that even in a refrigerator in which the air is kept in motion canned milk cannot be satisfactorily cooled but that if the temperature is down to 40 to 45 F. bottle milk can be quickly cooled by this method. This is of little importance on the farm since mechanical refrigeration is necessary and power to run a fan to keep air in circulation.

For cooling bulk milk setting cans in running water or ice water is the practical method. If the water is not fifty degrees or below, use ice. If the milk is stirred two or three times at intervals of fifteen minutes or so after it is set in the water, it is more quickly cooled.

The cooler is in common use for bottled milk, but is gradually being done away with, the milk being cooled in the bottles set in a tank of ice water. It is not easy to sterilize a milk cooler and experiments have shown that it is commonly a source of large numbers of bacteria.

The source of the milk has now been traced up to the point of distribution where it will be left, and the last and most important point affecting the contaminating of milk with bacteria, namely, the cleaning and sterilizing of utensils will be discussed. Utensils should be rinsed in cold or slightly warm water, washed in hot water with some washing powder in it, rinsed in hot water, and sterilized in steam at a temperature of 206 to 208 degrees Fahrenheit for fifteen minutes and be kept inverted in a place where there is no chance for re-contamination. Always use a brush and never a rag in washing utensils. If there is any dirt in the crevices the brush gets it, while the rag does not.

The following table shows preliminary results obtained at the Illinois Station showing the importance of having utensils sterile. These figures were taken from the New York Produce Review of March 22, 1916.

Effects of Sterile and Unsterile Utensils Upon the Bacteria Count in Milk

UTENSILS STERILE

	Bacteria per c. c.
Milk leaving barn	2,277
Same milk, one hour later, bottled	3,875

UTENSILS NOT STERILE

Increase due to 3 pails	57,077
Increase due to strainer	15,353
Increase due to clarifier	172,763
Increase due to cooler	19,841
Increase due to bottler	247,611
Total in bottled milk, one hour old	515,200

"In this experiment only 2,277 bacteria were due to all the barn conditions and more than half a million bacteria were introduced into the milk by washed utensils."

These results were obtained by handling milk from the dairy barn in sterile utensils for two weeks, and then under the same conditions in unsterile utensils for two weeks.

In studying this point from the data collected on our market milk scorings held up to and including the one of February 19, 1916, it was found that the average bacteria score for those reporting the use of sterlizer was 31.8, for those reporting washing and scalding 26.3, and for those reporting washing only, 20.8. This again shows that washing and scalding is not sufficient.

To sterilize utensils with steam it is necessary to have a boiler of some kind or use a sterilizer like the one described in Farmers' Bulletin 748. However plenty of hot water and steam are very necessary things to have in the dairy.

Bacilli-Kil, commonly known as B-K, is rapidly coming into use and an experiment carried on just recently at Storrs shows that it will do what is claimed for it. It would seem that it certainly has a place in the dairies not using steam. In such cases the expense if used according to directions will be about two dollars a month.

To summarize, the producer of market milk should have for his motto: "keep clean, keep cool, sterilized, and advertise."

GOOD BLOOD LINES AT PUBLIC AUCTION

Rare Chance to Secure Fashionable Producers

J. L. HOPE, Florham Farms, Madison, New Jersey, is to hold his third annual sale on Thursday, May 17, the day following the annual meeting of the CLUB and breeders and fanciers should plan to take the day off and visit the farm.

Those who have attended Mr. Hope's previous sales, will, no doubt, be anxious to know a little about the quality of his offering this year. They can be assured on this point as Mr. Hope has an offering of the choicest imported and home bred Guernseys that it is possible for anyone to select. There are about thirty females possessing the most prized Guernsey blood—viz: May Rose breeding, all of which

are representative individuals. The King's Cup winner in 1913 heads the imported contingent—Honoria's Sequel II. 2816 P. S., which also won first progeny prize at the Guernsey Farmer's Show and the Peer challenge trophy for bull and progeny in 1916. He is accompanied by eight or ten of his daughters, and these, doubtless, will be a great attraction at the sale and will command careful attention.

Breeders who are interested in winnings at the fairs will have noted that the get of Ne Plus Ultra 15265, herd sire at Florham Farms, carried off high honors at the National Dairy Show held in Springfield, Massachusetts, last fall. His daughters won first in the three year old class, first in the four year old class, second in the aged cow class and first, second and third in the class for cows having official yearly records begun under the age of five years, and Ne Plus Ultra 15265 won the first progeny prize, the most desirable of all prizes. A number of his progeny will be included in this sale, and judging from records of the two previous sales, they are highly appreciated, and with reason, for they are without exception, good individuals, and combine production, quality and beauty to a marked degree.

The large number of animals offered, the individual excellence and deserved popularity of the May Rose strain, and the opportunity to purchase at public auction, furnish a combination which is most attractive to the buying public. Were space to permit, we would like to display to the readers of this JOURNAL, a large number of pictures of the animals to be offered, for handsomer individuals would be difficult to find, but we must be content with showing a few which may be taken as representative of the offering.

Wardem Ultra King 27922 from his breeding and individuality will invite the attention of breeders. His sire is a son of Ne Plus Ultra 15265, and Imp. Rosy of the Palotterie IV. 18997, with a record of 718.15 pounds of fat, and his dam is Queen of May Rose 28326, a most handsome daughter of Imp. May Rose King 8336, and a show cow of exquisite finish and capable of better Advanced Register work in her mature form. Bulls of this breeding are not to be had every day, and his ability is well demonstrated by two of his daughters which are in this sale, the dam of one of them selling for $625 at Mr. Hope's last sale.

Fifty heifers, mostly in calf, are catalogued. Among them are seven daughters of Ne Plus Ultra 15265 and two daughters of Itchen Daisy's May King of Langwater 17349. These sires are full brothers and the only living sons of the incomparable Imp. Itchen Daisy 3d 15630, which measured by all of the standards—conformation, production, transmission—ranks at the top, and both sires are in service at Florham Farms. Fifteen daughters of Ne Plus Ultra 15265 have Advanced Register tests which average 10783.2 pounds of milk, 530.20 pounds of fat at an average age of thirty-four months. It is a safe prediction that the daughters now being offered by Mr. Hope will raise this average in due time; they are his best. Itchen Daisy's May King of Langwater 17349 was used in a small herd with other sires and his progeny are consequently limited as to number. His first daughter to be given a test finished with a record of 10947.3 pounds of milk, 555.53 pounds of fat, the test commencing when she was twenty-five months old. Three others now under test are of the same caliber.

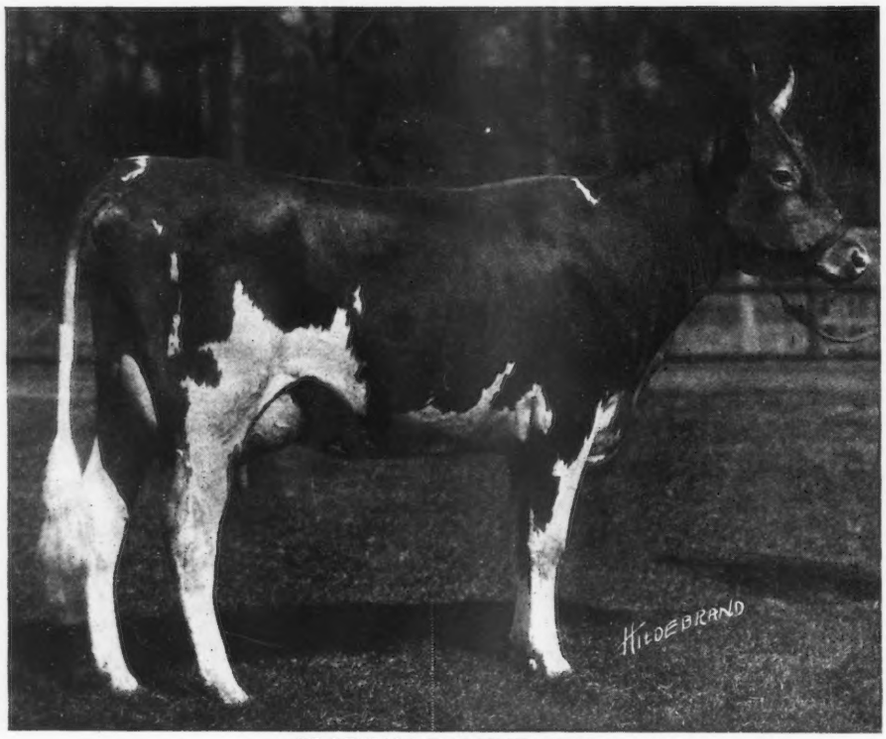
As a whole, the animals offered are a better lot than Mr. Hope has previously offered. The heifers are especially uniform and high class, and the opportunity to get May Rose animals in such numbers and of such quality is unique; no such opportunity has ever been enjoyed outside of the Langwater sale of last year.

The demand for animals of good breeding and large production the past year has been very great and Mr. Hope's coming sale will give breeders an opportunity to buy the best at public valuation, and the size of the offering is such that purchasers can make their selection of individuals from a large number of animals of the best conformation and breeding.

IMP. HONORIA'S SEQUEL II 40668

Winner of King's Cup 1913. First progeny Prize, Guernsey Farmers' Show 1916. Peer Challenge Trophy for bull and progeny Sept. 1916

This bull heads the imported contingent at Mr. J. L. Hope's Sale on May 17, 1917.



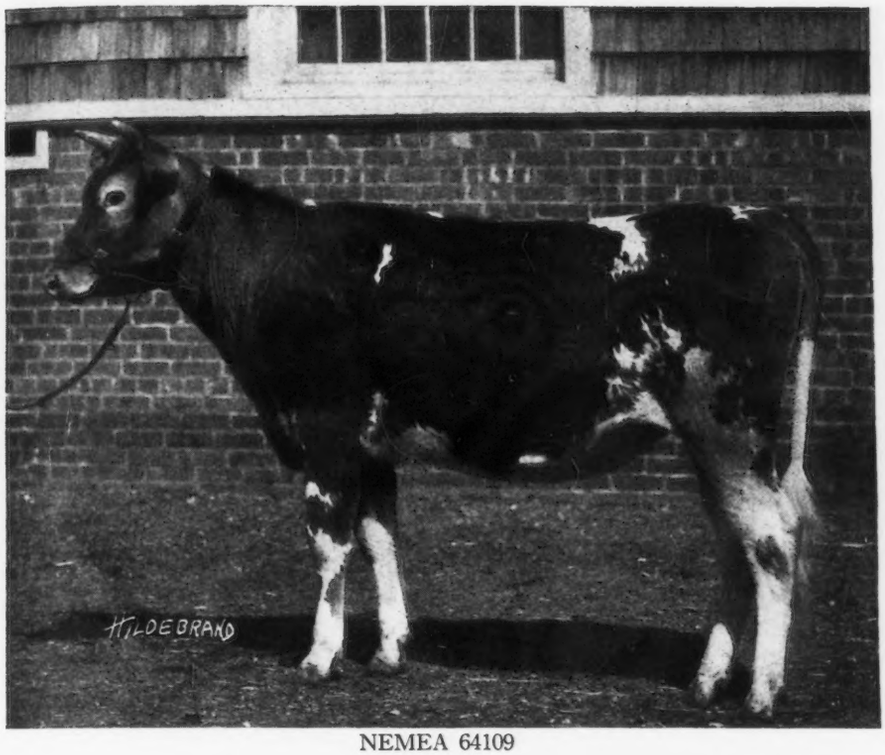
FLORHAM DAPHNE 56565

A DAUGHTER OF NE PLUS ULTRA 15265

A SPLENDID IMPORTED COW

IMP. ABBOT'S HEBE 67661

Two of the Individuals to be sold in the Florham Farms Sale



NEMEA 64109

A DAUGHTER

OF

NE PLUS ULTRA

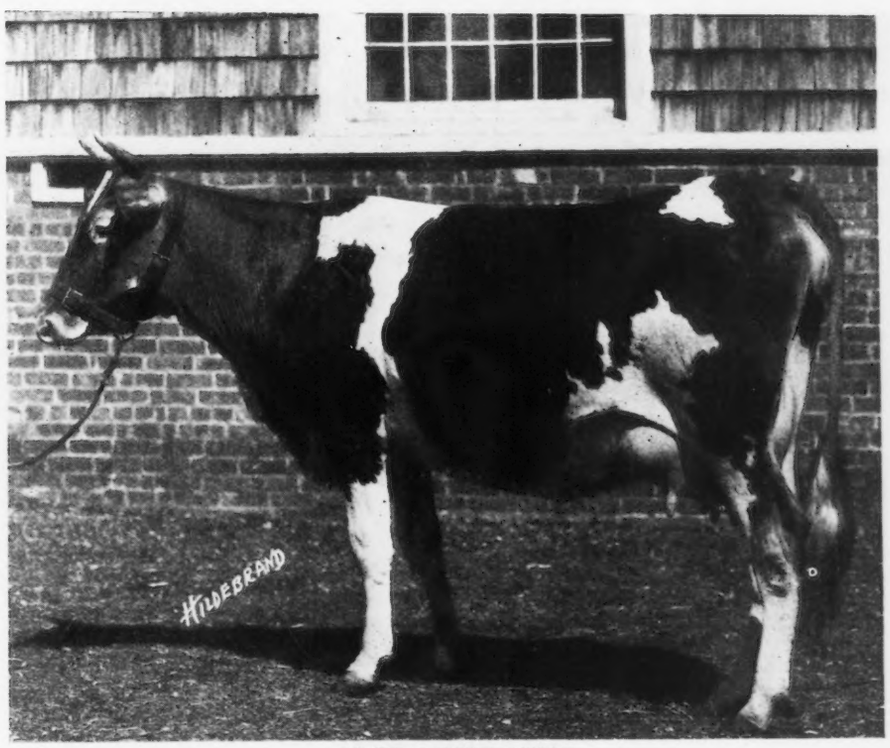
15265

A DAUGHTER

OF

NE PLUS ULTRA

15265



ULTRA ROSE 58909

Two of the Individuals to be sold in the Florham Farms Sale

TO IMPROVE THE ADVANCED REGISTER

A Suggestion of Interest to All Breeders

By H. W. GRISWOLD

IN the history of the advancement of the Guernsey breed Guernsey breeders felt they must have some standard outside of the show ring that gave them a ready index as to the productive capacity of a cow. This lead to the establishment of the Advanced Register—the first record being made something over seventeen years ago. Besides providing for the yearly records and classifying them according to age, they also established a weekly record. The weekly record was little used, and so far as I know no record has been made in the weekly record class for ten years at least.

There was no qualification as to how long a cow should carry her calf, and when the first records were made most of the cows were bred to calve within the year or shortly after the completion of the record. Larger records were made without breeding the cows, and more and more records were made in that way until to-day of the seventy Class Leaders not one has carried a calf eight months or more.

This is an evil and is generally recognized as such by every Guernsey breeder. The normal period for each cow to calve would be one year. Almost all the high record cows have been allowed to go a year and a half between their calves. This means a loss of one-half a calf for every high record Guernsey cow. Nor is that all, for this irregular breeding often times makes the cow an irregular breeder afterwards, and many times results in the barrenness of the cow or the loss of several calves. The breed needs these calves and should have them. Nor is that the only wrong thing with the present system, but it puts the farmer breeder at a disadvantage, for he cannot afford to make records of his cows under these conditions, and the statement was made to me the other day that of the seventy Class Leaders only two were owned by actual farmers.

A great many suggestions as to the remedy for this have been made and many wish to bar from the Advanced Register all cows not carrying their calves at least six months. This would work unjustly for many well meaning breeders, and would bar from our Advanced Register some of the largest records the breed has ever made. I would suggest that we add to the JOURNAL another list of Class Leaders called the "Farmer's Class" or some such name; these Class Leaders to occupy a page in every JOURNAL opposite the page now used for the Class Leaders; the Class Leaders in this class to be only cows which have carried their calves at least eight months during the record. Such a list would not contain a single one of the present Class Leaders. It would be the aim of every farmer breeder to put his cows in the Advanced Register so that his Class Leaders would be in this class. This rule would enable the small breeder to enter his cows all at one time regardless of the date of freshening, which would make the test much cheaper for him. I believe the new list of Class Leaders would be the popular class in which to put new leaders and the old Class Leaders would not be looked up to as they are to-day. This would save to the breed the best cow's calves, and would put the small breeder on the level with the richer breeder. There would be but a small expense attached to it, and would not bar any of the present animals from Advanced Register. It seems to me this is a step in the right direction.

AN APPEAL FROM THE WESTERN GUERNSEY BREEDERS' ASSOCIATION FOR SUGGESTIONS

AT the annual meeting of the Western Guernsey Breeders' Association, held in the city of Madison, Wisconsin, on February 9, the undersigned committee was appointed for the purpose of preparing and presenting to THE AMERICAN GUERNSEY CATTLE CLUB, at its coming annual meeting, a plan for amending or revising present Advanced Register rules, to enable breeders to compete for records who cannot afford or do not desire to ruin their cows by delaying breeding for six months or more. The large number of breeders in attendance were unanimously of the opinion that these rules should be revised so as to overcome the temptation to postpone breeding for the sake of high records.

At a meeting of this committee held in Chicago on March 26, several plans were proposed, one or more of which will be submitted to the annual meeting of THE AMERICAN GUERNSEY CATTLE CLUB to be held in New York on May 16. It is not proposed to suggest abrogating the present rules nor to urge any amendment which will invalidate present records, but the committee hopes to submit a plan which will provide a method of publishing records by which those made under the present rules and those made under the amended rules can be distinguished at a glance, and which will further provide for publishing the records of the ten Class Leaders which were made under the present rules and separately publishing the records of the ten Class Leaders which were made under the amended rule.

It is earnestly hoped that all breeders who favor an amendment to the present Advanced Register rules will enable them to compete for records without endangering the breeding capacity of their stock, will give expression to their views by letter addressed to some member of the committee or to W. H. Caldwell, Hotel Imperial, New York, on or before March 16, 1917, on which date the annual meeting of THE AMERICAN GUERNSEY CATTLE CLUB will be held. Write at once expressing your views on this subject, which is of vital importance to the future welfare of the breed.

Respectfully,

C. T. BUNDY, Eau Claire, Wis.
W. W. MARSH, Waterloo, Iowa
C. L. HILL, Rosendale, Wis.
GEO. MCKERROW, Pewaukee, Wis.
J. R. BENT, Oglesby, Ill.

A Correction

The photograph of Marathon Rose King 37037 was shown in the April 15 issue of the JOURNAL, and through a clerical error it was stated that the bull was exhibited by Truman W. Brophy, Chicago, Illinois. Marathon Rose King 37037 is owned and was exhibited by the Jean Du Luth Farm, Inc., of Duluth, Minnesota, and is considered one of their best bulls.

CONSTITUTION AND PRODUCTION

Farmers are Vitally Interested in Hardiness

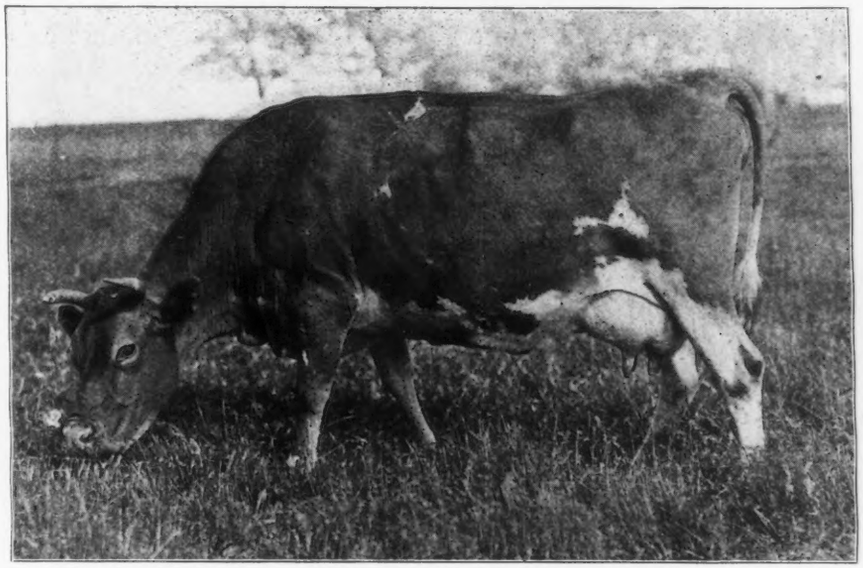
By W. A. FREEHOFF

THE farmer desires a cow with sufficient size and constitution to insure its ability to withstand at least an ordinary amount of "roughing," a cow that breeds regularly and drops calves with sufficient vitality to be raised without too much trouble and babying, and a cow that produces a reasonably large quantity of milk or butter fat without too great an outlay for feed.

If the Guernsey cow can answer all these qualifications in the affirmative there is nothing that can prevent her from becoming the most popular and useful breed in the country, for her milk has a natural yellow color and a delightful flavor at all seasons of the year, qualities possessed by the milk of no other breed. Not considering the cost of production or quantitative availability of Guernsey milk, it can on an equal price basis, easily drive all other milks from the city market. As it is, Guernsey milk is today most largely in demand among those people who are willing and able to pay a premium for their milk.

It is hardly reasonable that the Guernsey or any other breed has all the qualities demanded by the practical farmer in the highest degree, but if a breed lacks constitution and hardiness you will not be able to get any great number of farmers to adopt it and develop it. I have little sympathy with that hip, hip, hurray style of propaganda which would make one believe that a breed of cattle is flawless, but believe that for any breed to grow in usefulness and popularity it must be sanely exploited which means that the devotees of that breed must not be afraid to admit the truth among themselves.

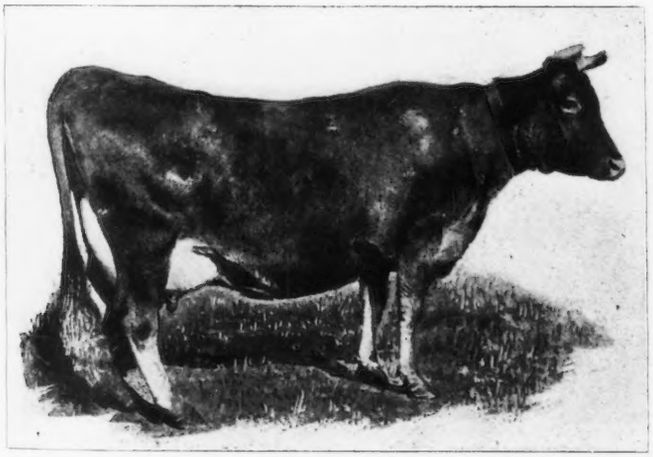
Now, what is the farmer's verdict on the Guernsey? When you consider the general distribution of the breed in this country—for it is to be



NELLIE OF POMEROY 28311 A. R. 2603

This cow was dropped November 10, 1908 and produced her first registered calf October 1910. Succeeding calves were dropped in December 1911, December 1912, April 1914, March 1915 and February 1917. Her official records commenced on the following dates are:

December 1912,	8809.5 lbs. milk,	531.79 lbs. fat.
April 1915,	12436.0 " "	750.42 " "



STRANFORD'S PRINCESS 11740 A. R. 199

This cow was dropped February 2, 1899 and produced her first registered calf in September 1901. Succeeding calves were dropped in July 1902, September 1903 January 1905, June 1906, April 1907, December 1908, May 1910 and October 1911. She died March 15, 1913.

Her official records commenced on the following dates are:

September 1903,	9288.2 lbs. milk;	547.17 lbs. fat.
January 1905,	12279.7 " "	725.65 " "

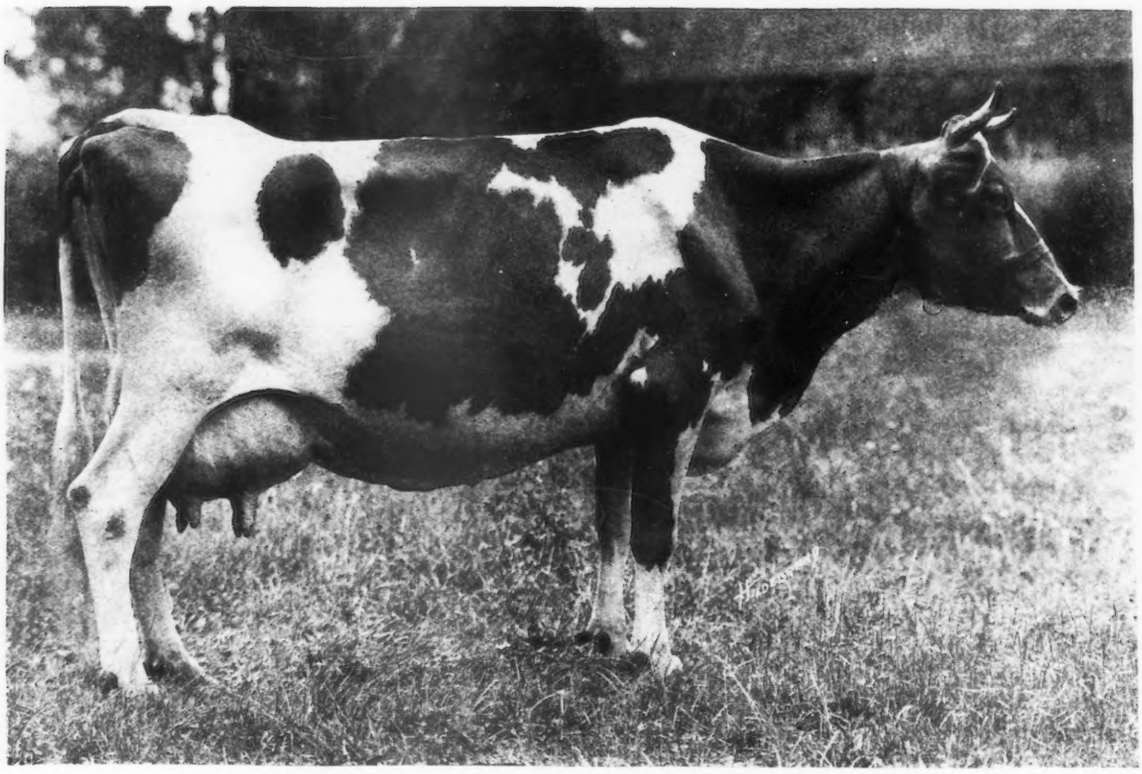
ENDYMION'S PRIMROSE 23795 A. R. 1229

This cow was dropped October 23, 1907, and produced her first registered calf in November 1909. Succeeding calves were dropped in January 1911, November 1911, January 1913, December 1913, February 1915 and August 1916.

Her official records commenced on the following dates are:

November 1909,	7134.6 lbs. milk;	394.42 lbs. fat.
November 1911,	12214.0 " "	656.71 " "
November 1915,	17767.0 " "	845.88 " "

SOME EXAMPLES OF CONSTITUTION AND PRODUCTION IN GUERNSEYS

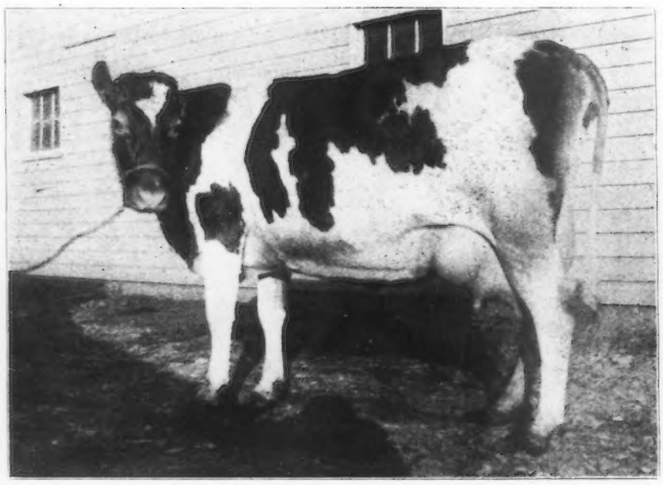


GOLDEN LASSIE OF PAXTANG 24696 A. R. 1377

This cow was dropped August 22, 1906, and produced her first registered calf in May 1909. Succeeding calves were dropped in May 1910, August 1911, August 1912, December 1913, April 1915 and August 1916.

Her official records commenced on the following dates are:

June	1910	10196.1 lbs. milk;	507.31 lbs. fat.
August	1912	14100.0 " "	675.45 " "
December	1913	14413.7 " "	715.38 " "

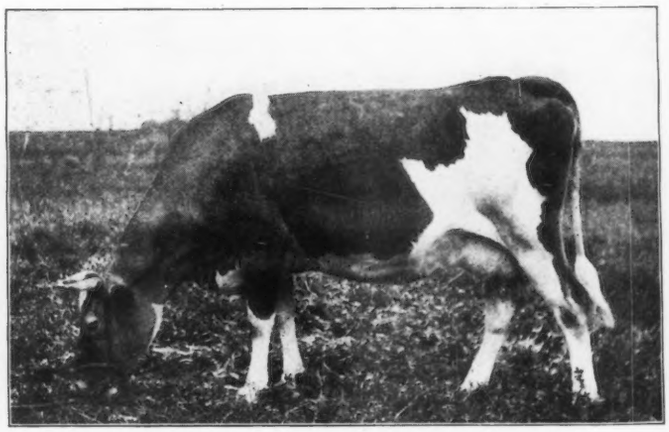


BUTTERCUP LILLY 21617 A. R. 3455

This cow was dropped January 3, 1906, and produced her first registered calf in February 1908. Succeeding calves were dropped in December 1909, December 1910, November 1911, October 1912, December 1913, February 1915 and May 1916.

Her official records commenced on the following dates are:

December 1913,	13475.0 lbs. milk;	647.98 lbs. fat.
February 1915,	15144.6 " "	744.84 " "



GLENWOOD'S BUTTERCUP 48137 A. R. 3224

This cow was dropped November 6, 1911, and is a daughter of the cow shown to her left. She calved in November 1913, March 1915, and May 1916.

Her official records commenced on the following dates are:

November 1913,	9603.7 lbs. milk;	518.80 lbs. fat.
March 1915,	13728.9 " "	769.82 " "

A FEW MORE EXAMPLES OF CONSTITUTION AND PRODUCTION

found in New England, in upper Wisconsin, Minnesota, and Michigan, and the great Northwest,—we must conclude that the farmer has found her hardy in the main. Wisconsin has by no means a gentle and affectionate climate, but all over this great central state numerous herds of grade and pure bred Guernseys are to be found on the ordinary farms, and where they receive only ordinary care. So well is the Guernsey doing under these plain, practical conditions that hundreds of new farmers are selecting Guernseys every year. Thus we must conclude that in the main the Guernsey is hardy, and pleasing to the farmer.

To drop the question with this general observation would hardly be telling the whole truth. I am a friend of the Guernsey, in fact, am a Guernsey enthusiast to such an extent that I have invested quite heavily in a Guernsey herd of my own. This is no reason, however, why I should not recognize the short comings of the breed, and by frankly recognizing them, take steps to correct them and eventually achieve the almost perfect cow.

The Guernsey breeders of means who have taken the breed up as a passing fad, sometimes do a great deal towards helping her along, but also often hurt her reputation with the general farmer. To breed and select for over-refinement of type, even if it is accompanied by extreme production under hot house conditions, is building for trouble. The farmer can't and won't use this type.

A big, strong Guernsey cow weighing from 1000 to 1200 pounds, that yields from 300 to 400 pounds of butter fat at maturity under average conditions, and raises a lusty calf every year is more desirable than the highly nervous, refined cow that can make from 400 to 600 pounds under conditions more favorable.

Perhaps this sounds like the extreme statement of the faddist and the crank. We shall see.

Most of you are no doubt intimately familiar with Guernsey herds, either your own or your neighbors'. You have no doubt noticed the two types I have mentioned in these herds. The large cow, even if she is not quite such a highly specialized dairy machine, always sells readily at prices which, while not extreme, are highly profitable. The refined and delicate cow, if she has made a record out of the ordinary, will sell for a fancy price to some breeder who is building a pure bred herd based on maximum production, and who has barns and conditions right. But this class of buyers is rare, and is seldom found among the ranks of the farmer.

It may have taken me a long time to come to my point, but the most serious criticism that a farmer raises against the Guernseys is that their calves are hard to raise. For this very reason he likes to see a large, robust cow more like his natives in constitution, because he figures that the progeny from such stock will have a better chance to live.

Experience has proved, however, that when Guernseys are gradually accustomed to less hot house conditions that they eventually lose a great deal of their over-delicacy. There is nothing fundamentally wrong about the Guernsey as a practical dairy cow; all she needs is a little more studied direction along the lines of constitution and hardiness. She has a pronounced tendency towards both of these qualities. and it is up to the breeders to continue to emphasize them.

Advanced Register Records Completed and Approved From April 1 to April 14, 1917

These records are all made on the two day test basis except where especially noted

Hildred 3d 45560, A. R. 5047, owned by Armand P. Rather, Peebles, Wis. Record:—5782.1 lbs. milk; 410.36 lbs. b. f. 2 yrs. 7 mos. old (1 day test).

Silver Tricksey of Oak Lawn 47231, A. R. 5048, owned by Armand P. Rather, Peebles, Wis. Record:—8560.9 lbs. milk; 438.06 lbs. b. f. 2 yrs. 6 mos. old (1 day test).

Silver Rose of Oak Lawn 52136, A. R. 5049, owned by Armand P. Rather, Peebles, Wis. Record:—8978.7 lbs. milk; 415.86 lbs. b. f. 1 yr. 11 mos. old (1 day test).

Anna of Prospect 47674 A. R. 5050, owned by Halbert W. Hoard, Fort Atkinson, Wis. Record:—6751.0 lbs. milk; 344.93 lbs. b. f. 2 yrs. 1 mo. old. (1 day test)

Belladia 2d 46139, A. R. 5051, owned by J. L. Hope, Madison, N. J. Record:—8904.8 lbs. milk; 440.08 lbs. b. f. 2 yrs. old (1 day test).

Amarina of Hillstead 29091, A. R. 5052, owned by C. J. & D. S. Mitchell, Brookfield, Wis. (Tested in the herd of J. H. Williams, Waukesha, Wis.) Record:—10379.2 lbs. milk; 497.38 lbs. b. f. 6 yrs. 6 mos. old.

Jennie Bates 38307, A. R. 5053, owned by Edward A Walter, Walworth, Wis. Record:—8959.8 lbs. milk; 482.75 lbs. b. f. 2 yrs. 5 mos. old.

Moyra of Ingleside 31430, A. R. 5054, owned by Truman W. Brophy, Edison Park, Ill. Record:—7621.9 lbs. milk; 366.36 lbs. b. f. 6 yrs. 1 mo. old.

May King's Lolita of Ingleside 45685, A. R. 5055, owned by Truman W. Brophy, Edison Park, Ill. Record:—6739.5 lbs. milk; 371.60 lbs. b. f. 2 yrs. 11 mos. old.

May King's May 52234, A. R. 5056, owned by Bailey Falls Farm, Oglesby Ill. Record:—7815.5 lbs. milk; 340.21lbs. be f. 1 yr. 10 mos. old.

Golden Masher's Lady 28012, A. R. 5057, owned by Clarence H. Mackay, Roslyn, N. Y. Record:—14500.3 lbs. milk; 678.81 lbs. b. f. 6 yrs. 10 mos. old (1 day test).

Brunette of Harbor Hill 53909, A. R. 5058, owned by Clarence H. Mackay, Roslyn, N. Y. Record:—12629.1 lbs. milk; 675.57 lbs. b. f. 4 yrs. 3 mos. old (1 day test).

Minnie Anchora 21634, A. R. 5059, owned by William F. Gable, Wybrooke, Pa. Record:—8679.2 lbs. milk; 466.8 lbs. b. f. 9 yrs. 9 mos. old.

Glen Gable Granny 21867, A. R. 5060, owned by William F. Gable, Wyebrooke, Pa. Record:—11175.9 lbs. milk; 637.42 lbs. b. f. 9 yrs. 2 mos. old.

Glen Gable Galore 30219, A. R. 5061, owned by William F. Gable, Wyebrooke, Pa. Record:—14130.8 lbs. milk; 649.30 lbs. b. f. 6 yrs. 7 mos. old.

Glen Gable Genevieve 36958, A. R. 5062, owned by William F. Gable, Wyebrooke, Pa. Record:—11103.9 lbs. milk; 567.99 lbs. b. f. 4 yrs. 8 mos. old.

Glen Gable Grenadine 42832, A. R. 5063, owned by William F. Gable, Wyebrooke, Pa. Record:—8265.9 lbs. milk; 488.13 lbs. b. f. 3 yrs. 1 mo. old.

Imp. Gallienne's Caradoc 49522, A. R. 5064, owned by A. C. Loring, Minneapolis, Minn. Record:—10973.3 lbs. milk; 487.61 lbs. b. f. 4 yrs. 11 mos. old.

Celestine McQueen of Woodend 43101, A. R. 5065, owned by Albert C. Loring, Minneapolis, Minn. Record:—7845.4 lbs. milk; 368.63 lbs. b. f. 3 yrs. 4 mos. old.

Woodend Belle 47987, A. R. 5066, owned by A. C. Loring, Minneapolis, Minn. Record:—6385.6 lbs. milk; 347.71 lbs. b. f. 2 yrs. 2 mos. old.

Cherry Lad's Obasan 37859, 5067, owned by George C. Stone, Twig, Minn. Record:—10280.2 lbs. milk; 500.12 lbs. b. f. 4 yrs. 3 mos. old.

Katonah's Sweet Briar 42574, A. R. 5068, owned by George C. Stone, Twig, Minn. Record:—9082.1 lbs. milk; 401.70 lbs. b. f. 3 yrs. 4 mos. old.

Beau Regal's Petite 47884, A. R. 5069, owned by George C. Stone, Twig, Minn. Record:—6135.8 lbs. milk; 334.80 lbs. b. f. 2 yrs. 2 mos. old.

Hero's Calla 45543, A. R. 5070, owned by B. F. Sheridan, Fond du Lac, Wis. Record:—6732.9 lbs. milk; 325.50 lbs. b. f. 2 yrs. 2 mos. old (1 day test).

Janet of Oakhurst 45297, A. R. 5071, owned by The Columbia Mills, Inc., Minetto, N. Y. Record:—11006.0 lbs. milk; 617.76 lbs. b. f. 2 yrs. 7 mos. old.

Imp. Violet de la Rue de la Cache 59853, A. R. 5072, owned by W. W. Knight, Perrysburg, Ohio. Record:—7442.4 lbs. milk; 380.38 lbs. b. f. 2 yrs. 5 mos. old.

Imp. Governor's Cocotte of the King's Mills 60617, A. R. 5073, owned by W. W. Knight, Perrysburg, Ohio. Record:—8979.9 lbs. milk; 420.68 lbs. b. f. 2 yrs. 5 mos. old.

Queen Salem of Pencoyd 62539, A. R. 5074, owned by T. W. & I. W. Roberts, Bala, Pa. Record:—9660.5 lbs. milk; 521.86 lbs. b. f. 2 yrs. 1 mo. old.

Little Nell of Pencoyd 49195, A. R. 5075, owned by T. W. & I. W. Roberts, Bala, Pa. Record:—9733.8 lbs. milk; 473.64 lbs. b. f. 2 yrs. old.

Glenwood's Maggie of Maplehurst 2d 35140, A. R. 5076, owned by John S. Hyde, Bath, Maine. Record:—7787.9 lbs. milk; 423.89 lbs. b. f. 5 yrs. 1 mo. old.

Fernway 43883, A. R. 5077, owned by John S. Hyde, Bath, Maine. Record:—8321.7 lbs. milk; 442.41 lbs. b. f. 3 yrs. 2. mos. old.

Armorette of Waumesit 31611, A. R. 5078, owned by T. P. Lindsay, Southboro, Mass. Record:—11036.1 lbs. milk; 507.72 lbs. b. f. 6 yrs. 3 mos. old.

Waumesit's Armorel 4th 43422, A. R. 5079, owned by T. P. Lindsay, Southboro, Mass. Record:—6001.5 lbs. milk; 332.49 lbs. b. f. 3 yrs. 3 mos. old.

Pansy of Bayside 49324, A. R. 5080, owned by E. E. Hills, Shrewsbury, Mass. Record:—8676.1 lbs. milk; 406.72 lbs. b. f. 2 yrs. 1 mo. old.

Imp. Satellite of Dixcart 49076, A. R. 5081, owned by Ben B. Mitchell, Troy, Pa. Record:—9437.6 lbs. milk; 477.19 lbs. b. f. 3 yrs. 10 mos. old

Imp. Polly des Prevosts II. 49077, A. R. 5082, owned by Ben B. Mitchell, Troy, Pa. Record:—7890.0 lbs. milk; 442.24 lbs. b. f. 3 yrs. 10 mos. old.

Imp. Ardis of Linwood 51558, A. R. 5083, owned by Homer F. Rundell, Livingston, Wis. Record:—9311.5 lbs. milk; 452.65 lbs. b. f. 2 yrs. 8 mos. old.

Imp. Hougue Maid VI. 45974, A. R. 5084, owned by E. C. Peck, Macedonia, Ohio. Record:—7193.7 lbs. milk; 330.03 lbs. b. f. 3 yrs. 2 mos. old (1 day test).

Flossie of Ford Farm 26082, A. R. 5085, owned by Alfred L. Lincoln, Norwell, Mass. Record:—8401.0 lbs. milk; 472.83 lbs. b. f. 7 yrs. 7 mos. old.

Imp. Bonita of the Isle 52965, A. R. 5086, owned by H. G. Haskell, Cossart, Pa. Record:—8723.2 lbs. milk; 440.57 lbs. b. f. 4 yrs. 3 mos. old (1 day test).

Princess May of Maudesleigh 47995, A. R. 5087, owned by F. S. Moseley, Newburyport, Mass. Record:—10830.4 lbs. milk; 614.41 lbs. b. f. 4 yrs. 1 mo. old.

Holly France 50245, A. R. 5088, owned by Dairy Division-Bureau of Animal Industry, Beltsville, Md. Record:—6003.3 lbs. milk; 281.47 lbs. b. f. 2 yrs. 3 mos. old.

Glencoe's Hayes Rosie of Bailey Falls 46601, A. R. 5089, owned by Bailey Falls, Farm, Oglesby, Ill. Record:—10177.6 lbs. milk; 502.48 lbs. b. f. 2 yrs. 11 mos. old.

Castello's Bessie 49385, A. R. 5090, owned by Bailey Falls Farm, Oglesby, Ill. Record:—8950.9 lbs. milk; 440.89 lbs. b. f. 2 yrs. 3. mos. old.

Direxia's Deodora 43478, A. R. 5091, owned by P. C. Stanwood, Poultney, Vt. Record:—6997.8 lbs. milk; 433.82 lbs. b. f. 3 yrs. old.

Duke's Ellis of Spring City 35863, A. R. 5092, owned by A. W. & F. E. Fox, Waukesha, Wis. Record:—11572.2 lbs. milk; 485.87 lbs. b. f. 5 yrs. 2 mos. old.

Sammamish Roxie 46991, A. R. 5093, owned by Park Weed Willis, Seattle, Wash. Record:—6697.0 lbs. milk; 385.06 lbs. b. f. 2 yrs. 3 mos. old.

Sammamish Topsy 46992, A. R. 5094, owned by Park Weed Willis, Seattle, Wash. Record:—11424.6 lbs. milk; 629.66 lbs. b. f. 2 yrs. 5 mos. old.

Imp. Bonne Femme du Clos au Conte III. 50377, A. R. 5095, owned by J. Griswold Webb, Clinton Corners, N. Y. Record:—6432.2 lbs. milk; 362.00 lbs. b. f. 2 yrs. 7 mos. old.

Miranda of Beaver Ridge 49182, A. R. 5096, owned by J. Griswold Webb, Clinton Corners, N. Y. Record:—7985.6 lbs. milk; 374.24 lbs. b. f. 2 yrs. 3 mos. old.

Blossom of Koshkonong Place 2d 42947, A. R. 5097, owned by A. R. Hoard, Fort Atkinson, Wis. Record:—6823.7 lbs. milk; 382.71 lbs. b. f 3 yrs. 3 mos. old.

Pet of Koshkonong Place 48653, A. R. 5098, owned by A. R. Hoard, Fort Atkinson, Wis. Record:—6314.6 lbs. milk; 359.67 lbs. b. f. 2 yrs. 1 mo. old.

Romance of Koshkonong Place 48152, A. R 5099, owned by A. R. Hoard, Fort Atkinson, Wis. Record:—7185.8 lbs. milk; 362.28 lbs. b. f 2 yrs. 2 mos. old

Imp Louise of Sarnia 40223, A R 5100, owned by Ingalls Farm Co., Fond du Lac, Wis. Record:—7550.7 lbs. milk; 391.86 lbs. b. f. 5 yrs. 4 mos. old (1 day test).

Rude 2d 29025, A. R. 5101, owned by John Ebels, Holland, Mich. Record:—8266.7 lbs. milk;492.28 lbs. b. f. 7 yrs. 9 mos. old (1 day test).

Betsey's Lady 28308, A. R. 5102, owned by Joseph T. Speer, Pittsburgh, Pa. (Tested in the herd of George W. Love & Son, Garrettsville, Ohio). Record:—11576.9 lbs. milk; 528.84 lbs. b. f. 6 yrs. 5 mos. old (1 day test).

Imp. Primrose of Edgewater 31891, A. R. 5103, owned by Joseph T. Speer, Pittsburgh, Pa. (Tested in the herd of George W. Love & Son, Garrettsville, Ohio.) Record:—8507.9 lbs. milk; 413.29 lbs. b. f. 5 yrs. 6 mos. old (1 day test).

Auburn Beauty 6th 42200, A. R. 5104, owned by W. Robert Dunlop, Fayetteville, N. Y. Record:—8169.6 lbs. milk; 436.36 lbs. b. f. 2 yrs. 1 mo. old.

Re-entries

Peachwood 2d 22501, A. R. 668, Re-entry, owned by Est. H. H. Pearson, Jr., Claiborne, Md. Record:—7842.9 lbs. milk; 422.37 lbs. b. f. 10 yrs. 1 mo. old.

Bridget's Sequel 29798, A. R. 1307, Re-entry, owned by A. W. & F. E. Fox, Waukesha, Wis. Record:—11264.3 lbs. milk; 561.04 lbs. b. f. 10 yrs. 2 mos. old.

Quercus Maid 25643, A. R. 1503, Re-entry, owned by Gage E. Tarbell, Smithville Flats, N. Y. Record:—13947.4 lbs. milk; 697.95 lbs. b. f. 7 yrs. 7 mos. old.

Langwater Dairymaid 26377, A. R. 1460, Re-entry, owned by C. L. A. Whitney, Albany, N. Y. Record:—16949.2 lbs. milk; 812.66 lbs. b. f. 7 yrs. 9 mos. old.

Lilla's Daughter 27042, A. R. 1779, Re-entry, owned by Gage E. Tarbell, Smithville Flats, N. Y. Record:—9508.6 lbs. milk; 495.89 lbs. b. f. 6 yrs. 11 mos. old.

Langwater Suffragette 29730, A. R. 2346, Re-entry, owned by C. G. Parnall, Jackson, Mich. Record:—11519.1 lbs. milk; 585.58 lbs. b. f. 6 yrs. 1 mo. old.

Grace of Lee Farm 29514, A. R. 2741, Re-entry, owned by W. Robert Dunlop, Fayetteville, N. Y. Record:—16031.5 lbs. milk; 721.05 lbs. b. f. 9 yrs. 5 mos. old.

Queen Fay of Mixter Farm 44372, A. R. 2739, Re-entry, owned by John S. Hyde, Bath, Maine. Record:—9630.8 lbs. milk;478.78 lbs. b. f. 5 yrs. old.

Lady Erwin of Soapstone 20816, A. R. 2068, Re-entry, owned by Est. E. R. Andrews, Putney, Vt. Record:—10970.2 lbs. milk; 571.92 lbs. b. f. 9 yrs. 7 mos. old.

Imp. Princess May of Jerbourg 38871, A. R. 3071, Re-entry, owned by Henry W. Leeds, Westville, N. J. Record:—11301.4 lbs. milk; 554.43 lbs. b. f. 5 yrs. 8 mos. old.

Eva G. of Lee Farm 37251, A. R. 3547, Re-entry, owned by W. Robert Dunlop, Fayetteville, N. Y. Record:—12875.6 lbs. milk; 593.14 lbs. b. f. 4 yrs. 2 mos. old.

Hazel of Lee Farm 39204, A. R. 3548, Re-entry, owned by W. Robert Dunlop, Fayetteville, N. Y. Record:—12902.6 lbs. milk; 614.34 lbs. b. f. 3 yrs. 7 mos. old.

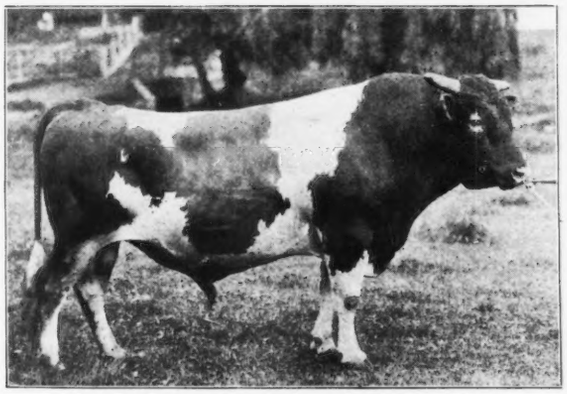
Helma of Lee Farm 39202, A. R. 3568, Re-entry, owned by W. Robert Dunlop, Fayetteville, N. Y. Record:—12356.0 lbs. milk; 679.48 lbs. b. f. 3 yrs 9 mos. old.

Imp. Violet's Pearl IV. 39467, A. R. 3584, Re-entry, owned by F. W. Roebling, Trenton, N. J. Record:—14467.8 lbs. milk; 589.23 lbs. b. f. 4 yrs. 11 mos. old.

Alphea of Pinehurst 2d 29722, A. R. 2696, Re-entry, owned by Charles D. Cleveland, Eatontown, N. J. Record: —14716.9 lbs. milk; 810.43 lbs. b. f. 6 yrs. 9 mos. old.

Armorel Anne of Waumesit 29501 A. R. 3772, Re-entry, owned by T. P. Lindsay, Southboro, Mass. Record:—11940.8 lbs. milk; 639.89 lbs. b. f. 8 yrs. 3. mos. old.

WILLOW BROOK GUERNSEYS



LANGWATER SUNDERLAND 19337

Senior Herd Sire

Why not raise the blood that sells highest? A few young bulls by Langwater Sunderland and out of high producing dams for sale at prices conforming to their breeding and individuality. Ready for light service next summer.

WILLOW BROOK FARM

CATASAUQUA, PA.

MRS. G. E. HOLTON Owner

F. M. CARRYL, Jr, Herd Manager

Linden Girl of Harbor Hill 2d 52836, A. R. 3821, Re-entry, owned by Clarence H. Mackay, Roslyn, N. Y. Record:—13526.8 lbs. milk; 682.68 lbs. b. f. 4 yrs. 5 mos. old. (1 day test.)

Barbara of Rookwood 54517, A. R. 4154, Re-entry, owned by C. F. Curtiss, Ames, Iowa. Record:—7728.7 lbs. milk; 392.70 lbs. b. f. 4 yrs. old.

Bulls Admitted to the Advanced Register April 1 to April 14

Imp. Billy II. of Paradise 15328, A. R.
Imp. Sequel of Sarnia 19171, A. R.
Roland R. G. A. S. 346 F. S., A. R.
Florham Noble 14734, A. R.
May King of Maudesleigh 16744, A. R.
Imp. Prince Billy of Rich Neck 17799, A. R.
Emerita 2d's Son 16157, A. R.
Maxwell Valentine 16060, A. R.
Beau Regal's Chance 17428, A. R.
Langwater Pencoyd 21830, A. R.
Malcolm of Monmouth 10814, A. R.

Cups Offered by the New York Guernsey Breeders' Association

A meeting of the Cup Award committee of the New York State Guernsey Breeders' Association was held April 10, and as a result the following disposition of the cups will be made at the joint meeting of the New York Association and Cattle Club held on the evening of May 15 at the Hotel Imperial, New York City.

Edgewater Cup. To Champion Cow in Class A.
Woodland's Farm Cup. To Champion Cow in Class B.
Beaver Ridge Cup. To Champion Cow in Class C.
Avonvale Cup. To Champion Cow in Class D.
Harbor Hill Cup. To Champion Cow in Class E.
Follyland Cup. To Champion Cow in Class F.
Club Cup. To Champion Cow in Class G.
Elmpines Cup. To Breeder showing Cow making the highest percentage above her requirements.

Six cups have also been purchased by the Association to be awarded as second prizes.

Our Discount to Breeders who offer the

JOURNAL

with stock sold is worth looking into.

Write us today

The American Guernsey Cattle Club

Peterboro, N. H.

WHY THE "IOWA" CREAM SEPARATOR WON AT THE PANAMA

This illustration shows the action on the globules of butterfat by the patented "CURVED DISCS," and the "straight" discs. Note that no butterfat globules reach the outer edge of the "CURVED DISCS."

Dairy Farmers were greatly interested in the International Skimming Contest held at the Panama-Pacific Exposition. And rightly so. A Jury of the World's Dairy Experts was chosen to conduct a practical skimming test and determine which Separator skims closest—the most profitable for the farmer to use.

Many standard Separators entered the contest. The Babcock test accurately registered the result of each Separator. The Jury, after carefully reading all tests, saw how completely the "IOWA" outskimmed all other competing Separators, and stated in the "IOWA" Diploma of Award: —**"the 'CURVED DISC' has shown, under tests made by the Jury, EXCEPTIONAL EFFICIENCY in skimming milk —and this improvement is considered of GREAT VALUE to users of these machines."**

Dairy Farmers now KNOW which Separator is the closest skimmer. The World's Dairy Experts say it is the "IOWA"—the only Separator equipped with

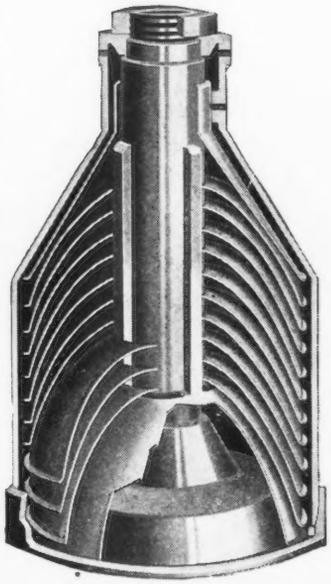
THE "CURVED DISC" BOWL

Compare the patented "CURVED DISC" of the "IOWA" with the "straight disc" found in ordinary Separators. (See diagram above.) Note that the spacing and the angle of the "straight discs" are the same throughout. The space between the "CURVED DISCS" gradually becomes narrower and steeper toward the outer edge. This feature produces a stronger separating action where it is required, and secures every particle of the valuable butterfat.

The "CURVED DISC" means a smaller and more compact bowl, therefore a lighter running machine. With a small bowl there is less wear on the gears and bearings, which means a more durable and serviceable Separator.

Thousands of skimming tests all over the country; hundreds of thousands of satisfied users of the "IOWA" Cream Separator, and the ever increasing demand—prove that the "IOWA" is the Separator for every Dairy Farmer.

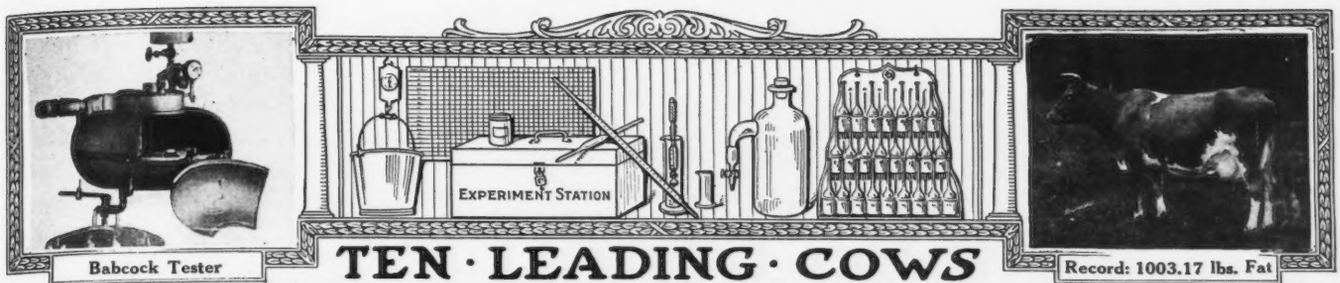
Let us send you "Expert Testimony," a booklet telling the story of the "CURVED DISC" Bowl. Write for it at once. Address Department 11.



The Famous "CURVED DISC" Bowl

ASSOCIATED MANUFACTURERS COMPANY
WATERLOO, IOWA.

Manufacturers of famous "CHORE BOY" Line of Gasoline and Kerosene Engimes



Babcock Tester

Record: 1003.17 lbs. Fat

TEN · LEADING · COWS IN · THE · SEVERAL · CLASSES · IN · THE · ADVANCED · REGISTER

CLASS A—FIVE YEARS AND OVER

	Lbs. Milk	Lbs. B. Fat		Lbs. Milk	Lbs. B. Fat
Murne Cowan 19597 A. R. 1906	24008.0	1098.18	Julie of the Chene 30460 A. R. 2752	17661.0	953.53
May Rilma 22761 A. R. 1726	19673.0	1073.41	Belladia 31909 A. R. 2801	19631.9	934.05
Langwater Hope 27946 A. R. 1978	19882.0	1003.17	Imp. Daisy Moon III. 28471 A. R. 1909	18019.4	928.39
Yeksa's Tops of Gold's Fannie 22362, A. R. 2394	19794.9	981.53	Miranda of Mapleton 19606 A. R. 914	16630.7	927.16
Spotswood Daisy Pearl 17696 A. R. 790	18602.8	957.38	Imp. Dora II. of les Marais 37737 A. R. 1999	16664.5	904.71

CLASS B—FOUR AND ONE-HALF TO FIVE YEARS

Dairymaid of Pinehurst 24656 A. R. 843	17285.3	910.67	Glenanaar of the Glen 23619 A. R. 1907	16813.1	780.66
Julie of the Chene 30460 A. R. 2752	15174.2	827.26	Lady Dairymaid of Pinehurst 29723 A. R. 2106	14770.0	769.58
Lady Lesbia 25142 A. R. 1348	13582.8	787.03	Linden Girl 42762 A. R. 3607	14682.8	747.45
King's Alberta 33788 A. R. 2555	13954.9	785.61	Ximesses M. 35845 A. R. 4836	15359.8	733.13
Pandora's Valentine of Rich Neck 27622 A. R. 1742	14341.6	784.22	Lime Girl 33441 A. R. 3443	15264.5	728.68

CLASS C—FOUR TO FOUR AND ONE-HALF YEARS

Azucena's Pride 2d 24957 A. R. 1469	16203.9	855.70	Imp. Beauty II. of the Coutanchez 28465 A. R. 2081	13513.9	748.81
Governor's Pauline 30472 A. R. 2441	14930.0	844.47	Stella's Favorite 2d 29167 A. R. 2283	14529.6	719.23
Polly's Beauty 35078 A. R. 2911	16629.8	774.40	Imp. Nettie of the Hubits 44181 A. R. 4958	12556.9	718.97
Imp. Dora II. of Les Marais 37737 A. R. 1999	15434.9	770.38	Noblesse 3d 37942 A. R. 2908	12399.5	717.67
Pauline Standish 33533 A. R. 3308	15870.6	757.21	Triple Champion's Marva 30001 A. R. 2400	14370.3	703.27

CLASS D—THREE AND ONE-HALF TO FOUR YEARS

Dolly Dimple 19144 A. R. 628	18458.8	906.89	Imp. Rosie V. of the Bourg de Bas 36380 A. R. 2802	14065.1	755.07
Mignonette of Rich Neck 36828 A. R. 3054	14304.9	800.77	Rose of Langwater 24204 A. R. 1445	15008.2	751.62
Langwater Dorothy 27944 A. R. 1822	16099.7	781.65	Imp. Ma Charmante 6th 31925. A. R. 1995	15149.8	740.20
Imp. Princess of the Blicqs 28485 A. R. 1908	12608.8	774.16	Imp. Daisy Moon III. 28471 A. R. 1909	12489.9	710.70
Nella Jay 4th 38233 A. R. 3194	16039.9	769.33	Brightness of Glenburnie 30742 A. R. 1961	12858.6	709.95

CLASS E—THREE TO THREE AND ONE-HALF YEARS

Jehanna Chene 30889 A. R. 2588	16186.7	863.36	Langwater Desire 40709 A. R. 4877	14219.8	708.69
Dairymaid of Pinehurst 24656 A. R. 843	14562.4	860.40	Fleurette of Riverside Farm 36286 A. R. 2930	13665.5	689.56
Glenwood's Buttercup 48137 A. R. 3224	13728.9	769.82	Sweet Maria 25151 A. R. 1803	12542.5	682.86
Masher's Elsie 24986 A. R. 1967	14458.7	745.75	Imp. Darling of Ida Cottage 44578 A. R. 3566	12731.6	668.63
Miranda of Edgewater 30970 A. R. 2363	14617.3	730.49	Rutila's May Rose 24946 A. R. 1423	11415.8	655.93

CLASS F—TWO AND ONE-HALF TO THREE YEARS

Langwater Hope 27946 A. R. 1978	15078.8	773.59	May Belle of Linda Vista 29679 A. R. 2134	11981.8	653.02
Azucena's Pride 2d 24957 A. R. 1469	12633.3	706.46	Imp. Rose des Houards 59th 44975 A. R. 3901	13522.8	643.11
Linden Girl of Harbor Hill 3d 58625 A. R. 4651	12636.9	681.34	Yeksarose 16610 A. R. 472	11275.5	638.49
Rose of Langwater 24204 A. R. 1445	12966.5	669.89	Janet of Oakhurst 45297 A. R. 5071	11006.0	617.76
Imp. Buttercup II. of Beauregard 35799 A. R. 2638	10623.3	659.71	Imp. Rouge II. of the Brickfield 28335 A. R. 1198	10963.0	612.53

CLASS G—TWO TO TWO AND ONE-HALF YEARS

Cherry of Edgewater 38413 A. R. 3361	13454.2	732.97	Golden Elsie 2d 33422 A. R. 2274	13409.0	672.94
Nella Jay 4th 38233 A. R. 3194	14772.7	726.32	Princess Deasie 36703 A. R. 2275	11943.1	666.22
Pearl Rose of the Glen 47414, A. R. 4900	12378.8	711.43	Nellie Tostevin of Mapleton 3d 30318 A. R. 2121	11675.9	664.01
Nugget's Primrose 48835 A. R. 4001	15436.1	705.56	Imp. Bonnie of Anna Dean Farm 46953 A. R. 3195	12785.4	657.87
Dolly Dimple 19144 A. R. 628	14009.1	703.36	White Wing of Edgewater 38489 A. R. 3504	13538.5	653.14

AVERAGE YIELD OF 70 CLASS LEADERS 14707.57 LBS. MILK; 769.31 LBS. BUTTER FAT; 5.23 PER CENT.

The above is as they appeared April 15, 1917.

Summary of 5852 Advanced Register Records.

	Records	Lbs. Milk	Lbs. B. F.	Per Cent.
Class A	1708	10228.11	502.71	4.915
Class B	337	9738.61	485.02	4.981
Class C	454	9293.92	466.22	5.015
Class D	471	9078.53	456 71	5.030
Class E	589	8381.98	423.60	5.053
Class F	725	8074.85	408.77	5.062
Class G	1568	7710.60	386.53	5.013
Av. for 5852		8907.80	444.43	4.989

Milk Production

Best Year's Record 24008 lbs.

Av. Ten Largest Records 19486.04 lbs.

Butter Fat Production

Best Year's Record 1098.18 lbs.

Av. Ten Largest Records 976.75 lbs.

Largest record for which certificate has been written since last issue of Journal Langwater Dairymaid 26377, A. R. 1460, Re-entry, 16949.20 lbs. milk; 812.66 lbs. fat.

The Advanced Register of Guernsey Cattle

SPECIAL NOTE: This list contains the latest credits and totals for the several cows entered in The Advanced Register work so far as they had been checked up and verified at the time the list was put to press.
Any omissions or back credits given signify that either data has not been received in time, or has been held up pending verification. In such instances it will appear in next list published

Name and Number	Class	Days	Month	Month Credit. Milk Lbs.	Month Credit. % Fat	Month Credit. B. Fat Lbs.	Total Credit. Milk Lbs.	Total Credit. B. Fat Lbs.
These records are all made on the two day test basis except where especially noted.								
ADAMS, H. C., ALGONA, IOWA								
Ultra Olga of Wildwood 48031	E	23	Jan	579.0	4.63	26.81		
		51	Feb	723.5	4.51	32.63	1302.5	59.44
Imp. Wildwood Daisy of Saints 40581	B	90	Jan	649.5	6.41	41.63		
		118	Feb	543.4	5.52	30.00	2731.5	151.51
Imp. Wildwood Valinguet Rose 40582	C	292	Jan	622.1	5.49	34.15		
		320	Feb	485.6	5.23	25.40	7858.2	360.47
ANDERSON, ALFRED, HOLTON, MICH. 1 day test								
Agnes Johnson 37463	B	315	Feb	291.3	4.93	14.36	6127.0	253.25
Masher's Bessie of Bonny Lea Farm 58560	G	205	Feb	525.6	5.12	26.91	4353.5	197.80
Myrtle of Bonny Lea Farm 58559	G	315	Feb	449.8	6.50	29.24	6965.4	350.19
BAILEY FALLS FARM, OGLESBY, ILL.								
Castella's Governess 53510	G	287	Feb	384.1	5.78	22.20	7193.0	313.78
Lady Vincent 2d 46598	D	24	Feb	1119.6	4.14	46.35		
Lavender of Bailey Falls 53221	G	147	Feb	807.4	5.08	41.02	4279.6	203.10
Nancy Mac's Duchess 29047	A	343	Feb	494.1	7.07	34.93	9079.6	524.29
Starlight of Bailey Falls 65163	G	131	Feb	642.8	4.47	28.73	3065.3	131.71
BALDWIN, H. W., PENNINGTON, N. J.								
Ida of Mapledale 61830	G	18	Mar	548.6	4.16	22.82		
Marie of Gerar 53661	G	205	Mar	778.8	5.42	42.21	5471.4	258.71
BALLARD BROS., NILES, MICH. 1 day test								
Bess of Windermere 56538	G	168	Feb	579.2	4.26	24.67	3528.6	155.97
Carrie of Windermere 57200	G	100	Feb	629.7	3.94	24.81	2533.4	93.11
Dolly Dimple of Coloma 2d 58315	F	84	Feb	923.3	4.03	37.21	2957.4	122.85
Fair Daisy of Maple Row 58316	G	169	Feb	530.8	5.04	26.75	3899.6	213.63
Gypsy of Windermere 53408	G	179	Feb	473.7	5.77	27.33	3475.6	184.95
Mattie of Windermere 57674	G	87	Feb	768.4	4.40	33.81	2506.8	107.12
Melba of Yellowdale 30010	A	322	Feb	400.6	5.05	20.23	8290.4	413.76
Melba of Yellowdale 2d 39701	C	304	Feb	454.9	5.71	25.97	6827.9	352.85
Panmure of Windermere 51018	E	24	Feb	887.9	5.28	46.88		
BECKER & BECKER, BERRIEN CENTER, MICH. 1 day test								
Bessie of the Ridge 52199	G	334	Feb	355.9	6.51	23.17	5837.4	329.94
Puritan Lady 32505	A	324	Feb	397.5	5.03	20.00	6687.2	303.81
BELL, W. HENRY, SCOTTS STATION, KY. 1 day test								
Imp. Amelia of Millmount XI. 35194	A	261	Feb	333.0	5.69	18.95	5704.9	315.17
Blendon Maid 22453	A	320	Feb	275.6	5.36	14.77	6576.9	312.71
Imp. Camilla II. of the Poidevins 23497	A	320	Feb	552.1	4.50	24.84	6319.7	290.72
Daisy of Oakwood 49838	A	284	Feb	310.9	5.83	18.13	7076.6	369.19
Dolly of Oakwood 26854	A	120	Feb	686.9	5.18	35.58	3730.5	175.03
Kitty of Oakwood 52862	B	120	Feb	607.8	5.06	30.75	3072.2	159.49
Lizzie of Oakwood 52251	C	290	Feb	328.4	6.23	20.46	7438.8	362.08
Maid of Oakwood 31546	A	292	Jan	168.2	5.71	9.60		
		320	Feb	713.6	5.71	40.75	6910.2	356.04
Sulticia 32281	A	97	Feb	588.9	5.51	32.45	2342.1	133.77
BENHAM, F. G., CANANDAIGUA, N. Y.								
Clarissa of Evanmar 39052	C	365	Feb	601.4	4.20	25.26	10293.7	395.07
Cold Brook's Rhea 33732	A	108	Feb	835.2	5.78	48.27	3633.3	179.00
Lady Bell of Cherrydale 2d 58618	E	205	Feb	643.7	5.58	35.92	5225.2	259.64
Imp. Lucy of the Courtils 35493	A	366	Feb	345.3	6.54	22.58	9885.3	503.05
Imp. Milly of the Vrangue II. 35495	A	205	Feb	797.5	4.49	35.81	6755.2	288.26
Miss Golden of Edgewater 42888	D	325	Feb	405.9	6.22	25.25	7014.5	374.15
Miss Jan of Edgewater 49206	F	342	Feb	546.0	6.12	32.42	9213.6	442.34
My Lady Lida of Cherrydale 39743	C	360	Feb	552.9	6.21	34.34	10351.7	493.27

Meetings and Sales

The annual meeting of THE AMERICAN GUERNSEY CATTLE CLUB will be held on Wednesday, May 16, 1917, at 10:30 a. m. at the Hotel Imperial, Broadway and 32nd Streets, New York City. The business meeting will consist of a report of the year's work of the office of the CLUB, recommendations of the Executive Committee and the election of officers.

A joint meeting of the Waukesha County Guernsey Breeders' Association and the Western Guernsey Breeders' Association will be held June 6 at the farm of Geo. McKerrow & Sons Company, Pewaukee, Wisconsin. The day following, the Waukessha Association will hold its annual sale of pure bred Guernseys at Waukesha, Wisconsin.

The Ohio Guernsey Breeders' Association will hold its annual field day meeting at Guernsey Home Farm on Wednesday May 23, 1917. The farm is located at Lisbon, Ohio, on the Y. & O. R. railroad, stop 27, running from Leetonia to E. Liverpool. Cars every hour each way. We expect to have a representative from the CLUB and other noted speakers. All Ohio breeders invited.

—H. C. McCAMON, Sec.

The LaCrosse County Guernsey Breeders' Association will hold its summer meeting at West Salem, Wisconsin on June 8.

Elmpines Farm, Greenwich, New York, will hold a dispersal sale on Saturday, May 12, 1917. Write Leander F. Herrick, 405 Main Street, Worcester, Massachusetts for a catalog.

Florham Guernsey Farm, Madison, New Jersey will offer one hundred head of home bred and imported Guernseys at public auction, Thursday, May 17. Write Leander F. Herrick, 405 Main Street, Worcester, Massachusetts, for a catalog.

The Chestnut Hill Farms Guernsey herd will be sold at public auction on Saturday, May 19, at Youngstown, Ohio. A number of Advanced Register cows are included in the offering. Catalog can be secured from Mr. Herrick.

Maplehurst Farm Guernseys, the property of the Estate of the late George B. Tallman, West Grove, Pennsylvania, will be sold at unrestricted public sale on Tuesday, May 22, 1917. Mr. Herrick will furnish information regarding the cattle to be offered at this sale.

Guernsey Home Farm, Lisbon, Ohio, will sell eighty head of Guernseys at public auction May 29, 1917. Write H. C. McCamon & Son, Lisbon, Ohio, for particulars about the animals.

Coming Fairs and Shows

August 31-September 9, Michigan State Fair, Detroit, Mich.

September 2-8, Nebraska State Fair, Lincoln, Nebr.

September 3-8, Minnesota State Fair, Hamline, Minn.

September 7-15, Illinois State Fair, Springfield, Ill.

September 10-15, Kansas State Fair, Topeka, Kan.

September 17-22, Southwestern Dairy Show, Kansas City, Mo.

September 18-21, Vermont State Fair, Burlington, Vt.

September 22-29, Oklahoma State Fair, Oklahoma City, Okla.

September 24-29, Oregon State Fair, Salem, Ore.

October 1-6, New Mexico State Fair, Albuquerque, N. Mex.

October 1-7, Waterloo Dairy Cattle Congress, Waterloo, Ia.

October 8-13, Virginia State Fair, Richmond, Va.

October 12-20, Eastern States Exposition, Springfield, Mass.

October 13-20, Southeastern Fair, Atlanta, Ga.

October 15-20, North Carolina State Fair, Raleigh, N. C.

OCTOBER 18-27, NATIONAL DAIRY SHOW, COLUMBUS, OHIO. GUERNSEY DAY, TUESDAY OCTOBER 23.

October 22-27, South Carolina State Fair, Columbia, S. C.

California

Higdon Holsteins and Guernseys Part Company

Guernseys and Holsteins will no longer commingle on the farm of the well known dual breeder, W. J. Higdon at Tulare, California. Although both breeds got along together and were both working their respective ways into the heart of their owner, they will part company hereafter, not because Mr. Higdon was tired of one, but because a tempting offer was sufficient to induce him to part with the Guernsey end of his breeding business, and hereafter he will confine his efforts to building up his Holsteins into one of the leading herds on the coast. The Guernseys will go to Andrew J. Welch, a prominent business man of San Francisco, who is stocking up his farm near Redwood City with Guernsey cattle.

BERGE, ANTON, VALDERS, WIS.							
Liberty Beauty 27957	A	56 Feb	1206.4	4.81	58.03	2439.6	120.06
BLAHNIK, JACOB J., ALGOMA, WIS.							
Corliss Beauty 40697	C	315 Feb	470.7	5.99	28.19		
		346 Mar	544.6	6.19	33.71	7834.4	453.43
Park's Pine Cliff Beauty 70323	D	28 Dec	923.1	4.77	44.51		
		59 Jan	960.9	5.23	50.26		
		87 Feb	763.8	5.07	38.72		
		118 Mar	707.0	5.52	39.03	3364.8	172.52
BLANDY, I. C., GREENWICH, N. Y.							
Follyland Queen Prize 52101	G	251 Mar	627.9	4.28	26.87	7249.8	307.70
Follyland Woodsey 52100	G	263 Mar	812.9	4.45	36.17	7589.3	327.10
Langwater Nancy 27943	A	31 Jan	2032.3	4.32	87.80		
		59 Feb	1936.4	4.55	88.11	3968.7	175.91
BLISS, WALTER P., BERNARDSVILLE, N. J.							
Imp. Bella de Carteret 37283	A	226 Mar	496.9	5.86	29.12	6297.0	311.01
BOSWELL & INGHAM, BURKEVILLE, VA. 1 day test							
Imp. Croupette of Oak Ridge 47972	E	279 Dec	306.9	4.88	14.98		
		310 Jan	273.4	4.99	13.64		
		338 Feb	233.3	5.39	12.57		
		365 Mar	238.2	5.74	13.67	5980.7	291.00
Effie of Oak Ridge 45107	B	366 Dec	242.2	6.27	15.19	8919.9	455.32
Glenwood's Gemsey of Oak Ridge 47636	C	206 Nov	489.8	7.08	34.68		
		237 Dec	483.5	6.38	30.85		
		268 Jan	450.0	6.62	29.79		
		296 Feb	381.2	6.80	25.92		
		327 Mar	406.7	6.77	27.53	6871.5	411.17
Helen of Oak Ridge 47644	D	17 Oct	443.0	5.14	22.77		
		47 Nov	802.5	5.60	44.94		
		78 Dec	764.8	5.20	39.77		
		109 Jan	682.3	4.75	32.41		
		137 Feb	557.1	5.10	28.41		
		168 Mar	547.0	5.19	28.39	3796.7	196.69
Sunbeam of Oak Ridge 40432	A	17 Nov	384.4	5.20	19.99		
		48 Dec	884.4	5.37	47.49		
		79 Jan	925.0	4.99	46.16		
		107 Feb	777.2	5.29	41.11		
		138 Mar	744.5	5.75	42.81	3715.5	197.56
Valentina 26346	A	366 Dec	186.9	6.48	12.11	6325.8	386.30
BREUCHAUD, JULES, OLIVEBRIDGE, N. Y.							
Imp. Donnington Gladys 3d 45944	A	9 Feb	287.1	5.15	14.79		
		40 Mar	1027.2	5.15	52.90	1314.3	67.69
May King's Gloriana 55767	G	59 Mar	879.9	4.41	38.80	1678.5	80.01
Raymond's Morning Glory 42504	C	234 Mar	654.8	5.92	38.76	5671.0	313.24
Imp. Violet III. des Valettes 48467	D	234 Mar	1065.6	4.41	46.99	8077.2	342.94
BROPHY, TRUMAN W., EDISON PARK, ILL.							
Ingleside Mary Pretoria 51119	G	366 Dec	246.6	5.98	14.75	5128.2	268.83
Ingleside Moyra 57019	G	13 Feb	312.3	4.89	10.38		
Ingleside Neanie Benton 57018	G	22 Feb	553.3	3.49	19.31		
May King's Moyra of Ingleside 51121	G	22 Feb	557.5	5.00	27.88		
May King's Patch Quilt of Ingleside 36201	A	123 Jan	888.4	5.29	47.00		
		151 Feb	765.5	5.04	38.58	4197.2	209.13
Stranford's Alice of Ingleside 40813	A	10 Feb	421.4	4.91	20.69		
BROWN, H. J., PORTLAND, ME.							
Beatrice Marshall 31723	A	223 Feb	563.7	5.34	30.10	6131.5	301.47
Colette Standish 48426	F	324 Feb	533.4	5.93	31.63	8778.8	446.12
Marie Standish 48427	F	171 Feb	431.9	6.27	27.08	2990.2	168.44
Maxine Standish 31722	A	287 Feb	545.6	6.00	32.74	7897.3	391.12
Mirona Marshall 36792	B	318 Feb	516.2	5.77	29.78	7924.7	410.52
Pauline Standish 33533	A	303 Feb	841.7	5.04	42.42	11520.9	554.75
BUZZELL, ROY C., STANLEY, WIS.							
Imp. Coggins VII. 43643	C	366 Feb	307.0	6.44	19.77	10510.7	504.58
Woodland Maid 27690	A	366 Feb	302.0	6.02	18.18	8967.5	451.75
BYERS, L. J., & BARNES, C. C., COLDWATER, MICH.							
Casterilius Jane of Fairview 46624	E	357 Feb	321.4	5.00	16.07		
		365 Mar	71.9	5.00	3.60	7334.4	331.09
Queen Inez of Fairview 45848	F	366 Jan	68.1	5.53	3.77	7052.9	355.14
CALDWELL, WILLIAM H., PETERBOROUGH, N. H.							
Lady Q. 44381	B	366 Feb	28.8	6.11	1.76	8526.8	429.82
Queen Foam Bullfinch 54906	G	145 Feb	614.9	4.86	29.88	3656.0	156.05
CASSATT, E. B. BERWYN, PA.							
Mrs. Fitzherbert 50901	F	171 Mar	729.2	5.43	39.60	4581.3	235.96
CHENEY, B. AUSTIN, LITCHFIELD, CONN.							
Cassifide 17304	A	58 Jan	1224.1	4.02	49.21		

		86	Feb	993.4	4.51	44.80	3153.6	129.21
Founder's Cassifide 37578	A	31	Jan	1263.7	4.63	58.51		
		59	Feb	1172.5	4.77	55.93	2436.2	114.44
Jenny of Falcon's Flight 28118	A	6	Jan	232.0	4.07	9.44		
		24	Feb	1089.2	4.07	48.40	1421.2	57.84
Lagia Lenfestey 25370	A	20	Feb	887.1	5.35	47.46		
Lily Rockingham 40880	C	86	Jan	1127.2	4.95	55.80		
		114	Feb	1053.8	5.15	54.27	4467.1	215.55
Lupa Lenfestey 25372	A	82	Jan	1020.2	5.24	53.46		
		110	Feb	916.6	5.30	48.58	3458.1	179.77
Imp. Victime IV. of the Spurs 35813	A	8	Jan	405.1	4.59	18.59		
		36	Feb	1632.6	4.59	74.94	2037.7	93.53
CHRISTENSEN, C., LA CROSSE, WIS.								
Imp. Blackberry of the Isle 26648	A	203	Feb	670.4	4.95	33.18	6584.9	281.74
Brita of West Prairie 31571	A	4	Sept	114.4	3.88	4.44		
		35	Oct	927.4	3.88	25.98		
		65	Nov	820.8	3.80	31.19		
		96	Dec	784.2	3.79	29.72	2646.8	91.33
Imp. Buttercup II. of the Padins 66994	F	11	Jan	246.9	4.50	11.11		
		39	Feb	746.7	4.50	33.60	993.6	44.71
Paris Pride 42635	D	316	Feb	480.9	5.76	27.70	6723.5	330.13
Imp. Poundstock's Lady 34654	A	300	Feb	559.0	5.85	32.70	7485.7	395.78
President's Star of Lewison 24653	A	297	Feb	581.5	5.92	34.42	9448.9	490.98
Imp. Rose of Highfield 66990	F	18	Dec	416.3	5.04	20.98		
		49	Jan	812.9	4.29	34.87		
		77	Feb	897.0	4.11	36.87	2126.2	92.72
Imp. Topsy May of the Haut Chemin 66998	F	7	Jan	103.1	5.33	5.50		
		35	Feb	640.2	5.33	34.12	743.3	39.62
Imp. White Rose des Raies de Bas 67007	G	103	Feb	605.3	5.98	36.20	2347.9	118.05
CLARK, GLENN, EAU CLAIRE, MICH.								
Amy of Hickory Grove 38259	B	258	Feb	479.5	5.58	26.76	5414.7	289.58
Belle Buttermaker of Hickory Grove 37254	A	96	Feb	766.4	4.91	37.63	2899.7	142.70
Eventide M. 25155	A	342	Feb	359.7	6.12	22.01	10067.2	530.33
Golden Noontime 25093	A	243	Feb	339.4	5.22	17.72	6214.8	318.19
Linda of Hickory Grove 41658	D	327	Feb	65.1	6.33	4.12	5656.6	283.52
Little Buttermaker 25092	A	116	Feb	940.2	5.27	49.55	4252.5	223.57
Maggie of Hickory Grove 41656	D	278	Feb	487.7	4.71	22.97	6858.4	285.32
Nina of Hickory Grove 50618	G	332	Feb	429.2	5.26	22.58	7218.2	357.21
Nora of Hickory Grove 41657	D	278	Feb	68.4	5.00	3.42	5009.1	249.61
Shilotta Maid's Pearl 32727	A	366	Feb	467.0	6.16	28.77	9709.6	569.06
CLUETT, G. A., WILLIAMSTOWN, MASS.								
Busy Bee of Green Meadow 42108	B	74	Feb	1090.3	4.30	46.88	2945.2	128.37
Green Meadow Moss Rose 50160	G	281	Feb	725.9	5.04	36.59	7820.7	372.79
Green Meadow Velvet 45686	E	299	Feb	501.2	5.08	25.47	6466.7	330.38
Masher's Velvet 39620	B	207	Feb	721.8	4.70	33.92	6881.9	304.41
May Red Rose 54835	G	128	Feb	722.8	5.45	39.39	3504.4	182.88
Imp. Olive of the Ponchez 36390	A	185	Feb	691.3	5.29	36.57	4723.7	237.67
Imp. Raymond's Nelita 36399	A	185	Feb	671.4	5.77	38.74	5809.1	300.21
Imp. Rosenheim IV. of the Hall 35246	A	199	Feb	738.4	4.49	33.15	6351.4	276.53
Imp. Viola of the Isle 35247	A	223	Feb	977.0	4.94	48.26	9096.9	401.59
COFFIN, W. K., EAU CLAIRE, WIS.								
Imp. Bedum of Sarnia 46544	A	299	Feb	540.5	5.13	27.73		
		330	Mar	454.6	5.55	25.23	7625.2	383.29
Bonnie of Tristram Farm 54747	G	237	Feb	508.1	4.96	25.20		
		268	Mar	411.8	5.60	23.06	5311.6	240.47
Imp. Butterscotch of Sarnia 50460	B	124	Feb	703.1	4.33	30.44		
		155	Mar	615.2	4.64	28.55	4248.1	194.75
Imp. Deb of Sarnia 65387	F	202	Feb	670.5	5.09	34.13		
		233	Mar	663.4	5.09	33.77	5788.4	286.26
Imp. Economy of Sarnia 65365	G	202	Feb	566.2	4.44	25.14		
		233	Mar	606.1	4.63	28.06	5065.2	217.42
Roparry 37819	A	236	Feb	578.9	5.62	32.53		
		267	Mar	556.5	6.32	35.17	6104.8	354.57
COLUMBIA MILLS, INC., THE, MINETTO, N. Y.								
Barrington's Lady Vanity 51610	G	345	Mar	523.3	7.10	37.15	6917.9	415.11
May Queen of Oakhurst 51611	G	198	Mar	674.4	5.75	38.78	4707.6	259.99
CONVERSE, E. C., GREENWICH, CONN.								
Conyers Honeymoon's Janet 59669	D	160	Feb	826.2	4.37	36.10	5206.6	227.52
Imp. Flora II. du Douit 39035	A	141	Feb	909.1	4.70	42.73	5428.1	261.92
Janet of Greenwich 34137	A	120	Feb	1053.2	4.58	48.24	5178.3	217.10
COUNTISS, FREDERICK D., LAKE GENEVA, WIS.								
Glenwood's Lynette of Atkinson 53822	G	334	Feb	161.3	6.66	10.74	4758.7	233.30
Louise Glenwood of Walter Maple 53512	G	334	Feb	314.6	6.57	20.67	5846.9	308.84

The Higdon purchase included twenty-five head at over $300 a head, eight of which are young animals. Mr. Higdon has taken a deep interest in the Guernsey breed and is at present the president of the California Guernsey Club, the state organization of Guernsey breeders.

—PACIFIC DAIRY REVIEW

Famous Stanford Holstein Herd to Be Dispersed

On account of the great diversity of the interests of the trustees of the Leland Stanford, Jr., University, they have decided that it will be to the advantage of all concerned to concentrate the resources of the university and thus make administration safer and easier, not only now but for the future.

The sale of the entire herd of pure bred registered Holstein cattle on the university ranch at Vina, California, will be the first move under this new policy. About 400 head will be sold at the ranch on June 5, 6 and 7, under the direction of M. H. Tichenor as sales manager. Mr. Tichenor is one of the owners of the Palo Alto Stock Farm, the home place of the late Governor Stanford, and is recognized as one of the best authorities on registered cattle in the United States. —PACIFIC DAIRY REVIEW.

M. H. Tichenor was formerly the owner of the large Guernsey farm at Oconomowoc, Wisconsin, and is now a part owner of the Guernsey breeding establishment at Palo Alto California, mentioned above.

Guernseys Adapted to California Fruit Farm Conditions

Frank Peterson is one of our western exchanges gives his views on the Guernsey cow as follows:

"Guernsey cattle of any good pure bred strain will make good if given a fair opportunity anywhere that any other breed will return a profit. The dairyman who wishes to sell cream at a creamery, sell milk direct to customers or make butter can make no mistake in putting his money into a herd of Guernsey cows, provided, of course, that they are in good health and a tested milking strain, and again, provided that the Guernsey is pleasing to his taste and agrees with his conception of a good dairy cow.

"It is claimed by some who have Guernseys that they will produce more butter fat for the amount of feed consumed than any other breed, and also they are particularly adapted

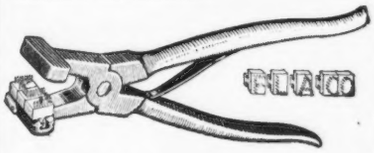
Announcement to Guernsey Breeders

The most improved and **only** lasting method of marking your cattle is with the

AUSTIN TATTOO EAR MARKER

Put Efficiency

Into your herd record keeping by tattooing your cattle with this efficient implement.



It affords the only means of identifying your cattle permanently—the tattoo mark.

PRICES:
EVERYTHING POSTPAID

1 Marker (3 extra letters or figures free) $2.25
1 Set numerals—0 to 9 .... 3.10
1 Tattoo ink stick 1.05
Complete alphabet (26 letters) 6.50
Extra letters or figures each .35

In order to make your record-keeping complete, it will be necessary to have one marker, one or more sets of figures, and one tattoo ink stick. You need one set of figures to number up to 10, two sets to number up to 110, three sets beyond, etc. A system of letters and figures may be used, in which case a set of letters will be needed.

LASTS FOR LIFE.

Our Guarantee — Our marker must please you or we will refund your money. You take absolutely no chances.

Orders filled promptly.

Write today, and make all checks payable to

The American Guernsey Cattle Club

PETERBORO, N. H.

Mary Ladd 46306	D	28 Feb	769.1	4.87	37.46		
Nellie Butterfly 38519	A	120 Feb	502.9	5.75	28.92	2792.1	157.63
COX, LOUIS S., LAWRENCE, MASS.							
Meddler's Topsy of Cox Farm 45840	C	76 Feb	975.5	5.92	57.75	2867.8	154.21
CRAMER, JOE, MENOMONIE, WIS.							
Diamond Dorothy of Waumesit 43593	C	87 Jan	1226.6	4.40	53.97		
		115 Feb	925.8	4.57	42.31	4898.1	216.93
Gipinda Jane of Waumesit 43594	C	106 Jan	1293.3	4.95	64.02		
		134 Feb	1042.4	4.72	49.20	5728.4	258.60
CRAMER, JOHN, Jr., MENOMONIE, WIS.							
Corian of Fern Hill 49652	E	4 Dec	103.1	5.43	5.60		
		35 Jan	978.4	5.43	53.13		
		63 Feb	901.8	5.62	50.68	1983.3	109.41
Fair Queen's Nugget 42909	D	150 Jan	1006.4	4.66	46.90		
		178 Feb	799.6	4.82	38.54	6577.9	305.41
Imp. Keewatin 52963	E	123 Jan	1013.7	4.47	45.31		
		151 Feb	897.4	4.75	42.63	5219.5	237.69
Imp. Launy II. 40382	A	123 Jan	1120.1	5.10	57.13		
		151 Feb	908.4	5.40	49.05	6185.7	318.88
Margis of Fern Hill 34493	A	131 Jan	919.7	5.60	51.50		
		149 Feb	811.9	5.46	44.33	5258.0	272.84
Imp. Nellie of Courtil Ronchin 40390	B	174 Jan	756.6	6.04	45.70		
		202 Feb	637.1	6.19	39.44	5765.0	331.39
CROCKER, H. C. & SON, SENNETT, N. Y.							
Adell Glenwood of Bellmath 49618	E	4 Nov	87.2	5.25	4.58		
		35 Dec	1245.8	5.25	65.40		
		66 Jan	1288.4	4.72	60.81	2621.4	130.79
Della of Hickory Grove 24706	A	306 Dec	641.3	5.67	36.36		
		337 Jan	637.9	6.03	38.47	13545.1	657.73
Elsie of Bellmath 43948	D	15 Dec	383.9	5.24	20.12		
		46 Jan	874.0	4.92	43.00	1257.9	63.12
Fina of Bellmath 34769	A	306 Dec	499.5	6.09	30.42		
		337 Jan	451.9	6.42	29.01	9568.4	472.32
Lletha of Bellmath 56676	G	6 Nov	96.3	4.55	4.38		
		37 Dec	785.8	4.55	35.75		
		68 Jan	785.8	4.64	36.46	1667.9	76.59
Nina of Bellmath 43943	C	9 Nov	273.2	4.68	12.79		
		40 Dec	1290.5	4.68	60.40		
		71 Jan	1224.2	4.96	60.72	2878.9	133.91
Oola of Bellmath 34768	A	306 Dec	47.9	5.93	2.84		
		337 Jan	608.1	5.85	35.57	8821.0	450.22
Truella of Bellmath 31364	A	306 Dec	454.2	5.50	24.98		
		337 Jan	377.1	5.43	20.48	9762.7	451.91
DAVIS, J. HARRY, WILLIAMSFIELD, OHIO.							
Duke's Daisy of Hillside 39492	A	365 Mar	224.8	6.69	15.04	7446.3	425.23
DELAWARE COLLEGE, NEWARK, DEL.							
Amy May Rose 48790	G	365 Mar	189.7	4.92	9.33	9976.4	434.61
Pollyanna of Pencoyd 49196	G	330 Mar	852.5	4.89	41.69	10757.3	447.95
Pomara Rose 61389	G	264 Mar	807.6	4.78	38.60	7019.4	310.59
Teddy's Trustworthy 39301	A	309 Mar	799.6	5.07	40.54	9371.6	425.00
EBELS, JOHN, HOLLAND, MICH. 1 day test							
Lawton's Lady Lu 29027	A	325 Jan	354.3	5.63	19.95	9196.9	415.91
Imp. Lizette III. of the Hall 28263	A	331 Feb	130.2	5.36	6.98	7211.9	334.63
Nellie of Butternut Hill 48673	G	276 Jan	464.0	4.29	19.91		
		304 Feb	414.7	4.23	17.54	5974.0	247.03
ELLIOTT-BRANT RANCHO, OWENSMOUTH, CAL.							
Betty Redwing of Highland 30426	A	243 Feb	496.6	6.05	30.04	6841.5	364.54
Butternut Queen 30478	A	90 Feb	1249.6	4.98	62.23	4176.3	224.21
Count's Miss Dot 2d 33945	A	178 Feb	797.7	4.62	36.85	5479.2	252.11
Daisy of Bloomfield Hills 46231	E	284 Feb	491.1	5.14	25.24	5935.0	293.14
Evangeline Marshall 45769	E	365 Feb	471.3	6.08	28.66	8752.7	468.95
Imp. Hayes Sweet Marjoram 5th 59846	F	86 Feb	917.6	4.16	38.17	2928.6	145.66
Helma 34746	A	334 Feb	369.5	7.07	26.12	7178.9	423.60
Ida Lyons 34811	A	292 Feb	584.7	6.01	35.14	7821.1	439.40
Pet's Pansy of Pine Grove 40181	B	192 Feb	784.4	5.02	39.38	7112.9	320.64
Princess of Meadowbrook 25185	A	254 Feb	991.8	5.71	56.63	10096.4	530.81
FRETZ, WILLIAM F., PIPERSVILLE, PA. 1 day test.							
Imp. Lady Jebb of the Villette 39451	A	338 Feb	452.0	6.99	31.59	8868.8	489.24
Imp. Raymond's Pearl Violet 53630	E	54 Feb	726.5	5.55	40.32	1344.7	76.48
Roberts' Aimable of Fritzlyn 49870	E	139 Feb	394.7	5.78	22.81	2368.9	137.73
Roberts' Fanny of Fritzlyn 45652	E	169 Feb	607.3	5.25	31.88	4139.3	206.48
Roberts' Portia of Fritzlyn 54872	G	59 Feb	566.1	4.20	23.78	1233.1	51.19
Senecta of Fritzlyn 40692	C	300 Feb	309.5	6.32	19.56	5843.7	314.35
Trequean Rose of Fritzlyn 51343	G	123 Jan	452.2	5.31	24.01	2163.5	105.36

FRUIT, E. J., PLATTEVILLE, WIS.								
Cora's Glenwood Secret 47146	E	230	Jan	781.0	5.21	40.69		
		258	Feb	671.9	5.06	34.00	7473.8	330.78
Lura Lael 38765	A	138	Jan	1414.3	4.28	60.53		
		166	Feb	1169.2	4.40	51.44	7459.6	316.50
Lura Louanna 46708	F	245	Jan	803.2	5.42	43.53		
		273	Feb	660.2	5.50	36.31	7778.4	355.36
Lura May Rose of Mineral Home 53004	G	153	Jan	740.1	6.19	45.81		
		181	Feb	665.7	5.16	34.35	4954.7	252.55
Lura Roseleaf 46706	D	85	Jan	980.1	4.63	45.38		
		113	Feb	853.2	4.74	40.44	3554.6	163.13
Lura Sequel 38830	A	5	Dec	197.0	4.41	8.69		
		36	Jan	1477.8	4.41	65.17		
		64	Feb	1324.5	4.44	58.81	2999.3	132.67
Lura's Secret of Maple Hill 46768	E	174	Jan	864.8	5.02	43.41		
		202	Feb	751.4	4.67	35.09	6143.6	283.92
GABLE, WILLIAM F., WYEBROOKE, PA.								
Amelia of New Castle 37866	B	356	Feb	526.9	5.25	27.66	10624.5	480.05
Amie of New Castle 37198	A	366	Feb	20.0	5.10	1.02	13854.6	619.80
Begalore's Bessy 32216	A	366	Feb	42.9	4.46	1.91	12734.5	534.75
Glen Gable Daylight 40805	C	153	Feb	449.0	5.65	25.37	7393.1	333.18
Glen Gable Gem 40806	C	250	Feb	661.3	5.53	36.57	8415.5	377.46
Glen Gable Georgiana 33149	A	366	Feb	66.3	5.15	3.41	9502.1	475.99
Glen Gable Gretchen 31359	A	323	Feb	456.1	6.15	28.05	10236.8	463.18
GRATWICK, W. H., BUFFALO, N. Y. 1 day test								
Imogene of Highlands 32378	A	256	Dec	333.3	5.79	19.30		
		287	Jan	305.1	5.59	17.06		
		315	Feb	185.5	6.81	12.63		
		346	Mar	121.1	6.22	7.52	5508.92	300.36
Masher's Beauty of Highlands 38347	C	317	Feb	330.7	5.38	17.79		
		348	Mar	273.6	5.80	15.87	7706.6	372.64
GREENHALGH GEORGE T., PEPPERELL, MASS.								
Langwater Favorite 55280	G	13	Feb	293.8	4.37	12.84		
Natika of the Glen 52889	G	148	Feb	439.0	5.81	25.51	2933.4	153.08
Nima of the Glen 44234	D	83	Feb	730.8	4.67	34.13	2227.1	106.10
Pelsis of the Glen 52888	G	148	Feb	819.2	5.22	42.76	4511.3	212.71
GRISWOLD, A. W., ELMWOOD, N. H.								
Hinsdale Molly 35266	A	132	Dec	909.3	4.05	36.83	3657.9	155.62
Hinsdale Nancy 39607	C	271	Dec	518.7	4.73	24.53	6253.3	284.65
HAMILTON, H. P., TWO RIVERS, WIS.								
Bob Rilma's Doris 51026	G	273	Feb	610.9	6.25	38.18	7271.4	377.26
Tot 3d 32756	A	300	Feb	685.5	5.60	38.39	10252.5	498.89
HEID, W. J., FT. ATKINSON, WIS. 1 day test								
Benjamin's Gloria 43933	C	23	Jan	956.7	4.89	46.78		
		51	Feb	1318.2	4.89	64.46	2274.9	111.24
Casterilius's Hazel 25076	A	100	Feb	1101.0	5.69	62.65	3951.7	223.92
Gloria of Lake Bluff 36321	A	110	Feb	1105.6	5.86	64.79	4528.7	250.67
Glorious Hazel 34442	A	75	Feb	1117.6	5.36	59.90	3268.2	179.76
Glorious Lenorill 46775	D	10	Jan	338.4	4.90	16.58		
		38	Feb	1119.5	4.90	54.86	1457.9	71.44
Treynore's Glenwood 55921	G	14	Dec	387.5	5.24	20.31		
		45	Jan	918.5	5.24	48.15		
		73	Feb	792.5	6.04	47.87	2098.9	116.33
HENDERSON, J. W., BERKELEY, CAL.								
Kichener's Clementine of Bella Vista 68061	G	136	Mar	1086.7	4.42	48.03	5087 5	192.55
Rancho Morning Rose 40298	B	144	Mar	936.5	4.46	41.77	4685.7	209.61
HIGDON, W. J., TULARE, CAL. 1 day test								
Imp. Amelia of Linwood 51566	D	336	Jan	428.5	5.33	22.84		
		364	Feb	416.5	5.70	23.74		
		365	Mar	15.3	5.70	.87	8973.3	429.05
Imp. Argie of Linwood 51567	D	179	Dec	613.0	6.45	39.54		
		210	Jan	542.0	6.73	36.48		
		238	Feb	517.3	6.85	35.44	6482.5	384.11
HILL, CHARLES L., ROSENDALE, WIS. 1 day test								
Imp. Ariadne of Sarnia 40210	A	304	Feb	441.0	5.92	26.11	7206.0	358.77
Crocus of Sarnia 42793	B	3	Jan	86.3	4.70	4.06		
		31	Feb	914.2	4.70	42.97	1000.5	47.03
Imp. Cypress of Sarnia 53729	C	154	Feb	730.9	4.82	35.23	4340.6	185.87
Imp. Primula of Sarnia 40207	A	365	Feb	394.5	6.30	24.85	7335.5	411.84
HOBBS, MRS. F. W. EAU CLAIRE, WIS.								
Imp. Excellencia X. 40383	A	81	Feb	683.5	4.66	31.85	2433.7	106.33
HOPPERT, C. & SONS, SHEBOYGAN, WIS.								
Imp. Dignity of Sarnia 65363	F	189	Mar	513.2	6.05	31.05	3941.8	208.48
Imp. Emily of Sarnia 65395	F	222	Mar	589.0	5.44	32.04	5068.8	233.37
Gladys of Sheboygan 60005	G	94	Mar	611.5	5.08	31.06	2064.7	103.37

to California conditions, in that they have been bred to give a good flow of milk over a long period rather than a large amount for a short time. Our mild climate and possible production of green forage most of the year are conditions that make the Guernsey feel right at home here.

"The Guernsey cow is particularly well suited to the small dairyman who has a list of select customers who want the sweet, yellow milk so characteristic of the breed. It will never be a difficult task for an enterptising man who likes cows to establish a dairy nearby some city and find enough people who prefer looks and quality of milk, regardless of price, to take his product. Such enterprises are already in operation in this state, and there is room for more dairymen to make the most of the possibilities of this high grade dairy cow.

"Many fruit growers who have heretofore confined their efforts and devoted all of their land and fruit production are beginning to look around for some of the things that were formerly produced on the old farm, and among them the fresh milk, delicious cream and home-made butter that some way is not the same as that received from the milkman or the creamery.

"The importance of the family garden was never more keenly felt than now, when vegetables as well as other food products are soaring in price, and there is always cow feed of some kind coming from the garden, such as the tops and waste leaves of carrots, beets, turnips and cabbage, and the husks and stalks of sweetcorn.

"Therefore in deciding upon the breed of cow for dairy or home place, the merits of the Guernsey breed and her adaptability to California conditions should be overlooked."

Connecticut

Walter A. Cook to Manage Falcon's Flight Farms

Walter A. Cook, for the past two years Agricultural Agent for the Hartford County League, Hartford County, Connecticut, has resigned his position to take charge of Falcon's Flight Farms, Litchfield, Connecticut. These farms are owned by Dr. B. A. Cheney of New Haven, Connecticut, and cover nearly 800 acres of what is called the best land in Litchfield County. One hundred twenty-five head of pure bred Guernsey cattle are carried and all operations are on a strictly commercial basis. Mr. Cook goes to this new position with an es-

WANTED: Three experienced Dairymen. Wages $35.00 per month and board, with chance for advancement. Apply Brookmead Farm 526 Land Title Bldg, Philadelphia, Pa.

HERDSMAN, 27, single, desires position on up-to-date Guernsey Breeding Farm. Understands A. R. O. work and balanced rations. Good calf raiser, and first-class milker. Now located in the east, but willing to go anywhere. First-class references. Please state all particulars in first letter. Address, Box XXX, care Guernsey Breeders' Journal, Peterboro, N. H.

Guernsey Pedigrees Tabulated

Five generations with A. R. records.
50 CENTS EACH
Satisfaction guaranteed
F. E. FOX - - Waukesha, Wis.

GUERNSEY PEDIGREES

Five generations with records	$1.00
Six " " "	1.50
Seven " " "	2.00

A. G. MORRELL
39 Shepard Avenue East Orange N. J

SHARPLES
Famous Suction-Feed
"Skims clean at any Speed"
SEPARATOR
THE SHARPLES SEPARATOR CO. West Chester, Pa.

AUCTIONEER
Col. D. L. Perry COLUMBUS OHIO
The Guernsey Auctioneer
I sell satisfaction, and also love the Guernsey. Write or wire.

INSURE
YOUR CATTLE AND HORSES

Our policies cover death losses occuring anywhere in the United States or Canada—*from any cause whatever.*
Moderate premium rate—based on age and value of animal.
I represent the largest and strongest underwriters of Live Stock Insurance in the world. During past 11 years we have paid many losses, running as high as $15,000.
List of well-known insured animals, rates and full particulars on application.
M. A. Silvers
Live Stock Representative
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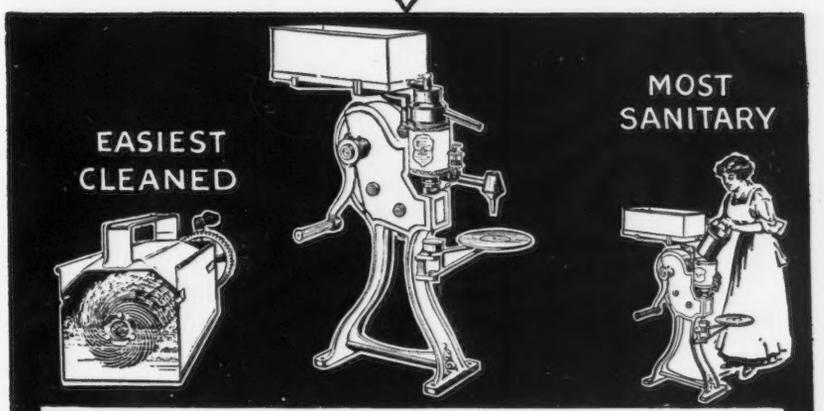
35 Wall Street, New York

Robert F. Hildebrand
THE LEADING PHOTOGRAPHER OF ANIMALS IN THE UNITED STATES

Specialist in Guernsey portraiture. Official photographer at all the leading live stock shows. Write me when you have anything to photograph. I may be in your locality next week.

New Office and Studio at SPRINGFIELD, MASS.
Main Office at UNION STOCK YARDS CHICAGO, ILL.

THE WORLD'S RECORD CLOSE SKIMMING
UNITED STATES CREAM SEPARATOR



A Clean Proposition

If every dairyman's wife could vote when cream separators are up for election,—a U. S. CREAM SEPARATOR would always win, handle down.

If the creamery managers knew the unsanitary condition of many separators which serve them,—they would be even more urgent for the use of U. S. SEPARATORS.

If the buyers of creamery products knew that the poor-keeping qualities of butter can usually be traced to imperfectly cleaned separators,—they would call even still louder for the U. S. SEPARATOR, with its unequalled reputation for cleanliness.

If you will let *us* show *you* how much easier it is to keep the U. S. SEPARATOR clean and rustless inside and out than other similar devices,—how quickly the mechanical washer scrubs, scalds and dries the skimming parts,—then you will be as pleased to own a U. S. SEPARATOR as we are to sell them.

Send for Complete Catalogue

VERMONT FARM MACHINE COMPANY

Chicago, Salt Lake City — Bellows Falls, Vt. — Portland, Ore., Oakland, Cal.

Imp. Primrose IV. du Pont 53808	D	169	Mar	1054.8	4.56	48.10	6760.5	289.45
Imp. Rose III. of la Turquie 55198	B	176	Mar	749.4	4.57	34.25	5953.7	246.26
Imp. Vauquiedor's Rose 56455	G	176	Mar	450.8	4.65	20.96	3071.6	136.53
HOWE, HENRY W., BEDFORD HILLS, N. Y.								
Butter Girl of Beaver Ridge 49334	E	28	Feb	1278.8	4.02	55.43		
Imp. Charmante's Coronation 27550	A	120	Feb	1149.0	4.48	51.48	5828.3	255.82
Primrose of Beaver Ridge 32973	A	334	Feb	620.6	5.11	31.71	10243.6	479.71
Winona Bay 2d 35932	A	17	Jan	876.5	4.69	41.11		
		45	Feb	1528.1	4.69	71.67	2404.6	112.78
INGALLS, G. R., EAU CLAIRE, WIS.								
Imp. Dorothy of Sarnia 52787	D	2	Dec	62.0	4.05	2.51		
		33	Jan	1029.0	4.05	41.67		
		61	Feb	915.2	4.28	39.17	2006.2	83.35
Marquette's Lily Maid of Ingalnook 55174	G	241	Feb	637.3	5.88	37.47	5594.3	295.86
INGERSOLL, C. JARED, FORT WASHINGTON, PA.								
Bonfire's Noble Flower 54238	G	31	Jan	818.1	4.94	40.41		
		59	Feb	866.7	4.37	37.87		
		90	Mar	893.4	4.67	41.72	2578.2	120.00

Hildesheim of Warriston 48599	E	12	Mar	242.1	5.60	13.56		
Nelly's Noble Triumph 54237	G	12	Jan	295.8	5.52	13.37		
		40	Feb	862.8	4.52	39.00		
		71	Mar	945.3	4.62	43.67	2103.9	96.04
JONES, CHARLES H., WELLESLEY FARMS, MASS.								
Imp. Butter Girl V. 52616	E	312	Feb	893.4	5.78	51.64	10556.4	547.97
Charmante's Jewel 49146	F	206	Feb	607.2	5.35	32.49	4883.6	243.04
Imp. Cosy of Follyland 41883	C	254	Feb	748.5	4.97	37.20	8908.0	406.08
Fillmore's Dolly Grey 49145	F	250	Feb	673.6	5.79	39.00	6912.6	367.31
Fillmore's Mary May 34295	A	360	Feb	783.9	5.87	46.01	13168.4	650.09
Fillmore's May Rose 43455	D	205	Feb	687.3	5.71	39.24	6033.6	301.80
Fillmore's Noanette 40979	D	358	Feb	901.3	5.74	51.73	13460.9	650.85
Fillmore's Topsy 51107	F	120	Feb	822.8	4.77	39.25	3538.0	172.68
Fillmore's Victoria 40119	C	228	Feb	813.7	5.15	41.91	8367.5	388.63
King's Deanie 2d 30700	A	72	Feb	1061.6	4.90	52.02	2702.1	134.70
Imp. Linda of Truchon II. 51794	A	90	Feb	943.0	4.82	45.45	3247.6	152.41
Imp. Manor View Gully 40611	A	352	Feb	607.6	6.88	41.80	12703.3	708.52
Imp. Princess of the Hall 51798	C	294	Feb	844.8	5.68	47.98	10906.9	541.10
Raymond's Charmante 38408	B	298	Feb	566.3	7.73	43.77	8309.8	505.86
Imp. Rose II. of the Carrefour 51805	D	288	Feb	829.2	5.91	49.01	6207.5	343.60
Imp. Topsy de Carteret 35401	A	233	Feb	1225.3	4.58	56.12	12198.3	523.65
Yeoman's Mary Nerio 44647	E	254	Feb	610.0	5.73	34.44	6901.5	341.17
JONES, WILLIAM M., WAUKESHA, WIS.								
Castello's Beauty 24492	A	25	Jan	1013.2	6.72	68.09		
		53	Feb	1401.6	4.45	62.37	2414.8	130.46
Elizabeth's Beauty 28104	A	103	Feb	1011.8	4.54	45.94	4034.9	179.43
Maria's Glenwood 2d 34061	A	8	Dec	329.5	4.72	15.55		
		39	Jan	1561.3	4.72	73.69		
		67	Feb	1346.4	4.75	63.95	3237.2	153.19
Royaline's Dora 2d 50836	G	345	Feb	746.9	6.05	45.19	11110.3	569.10
Yeksa's Tops of Gold's Fannie 2d 49103	G	342	Feb	917.9	4.40	40.39	12902.4	539.60
KANSAS STATE AGRICULTURAL COLLEGE, MANHATTAN, KAN.								
Imp. Flower of the Fontaines 39923	A	348	Feb	519.7	5.03	26.14	8622.4	411.01
Glenwood Rosa 25341	A	143	Feb	662.9	5.12	33.94	4190.4	204.82
Imp. Golden Chance II. of Ashburton 66993	G	149	Feb	790.4	4.36	34.46	4480.5	195.15
Imp. Lucy II. of Corbinez 67016	G	128	Feb	653.9	4.96	32.43	3364.9	160.92
Masher's Victor's Countess 52729	G	277	Feb	371.5	5.73	21.29	4438.9	224.13
Imp. Rosy VII. de la Vielle Rue 39650	A	308	Feb	409.7	5.92	24.25	7416.4	350.41
LAWSON, VICTOR F., GREEN LAKE, WIS.								
Imp. Decasse of Sarnia 65364	F	92	Jan	683.3	5.35	36.56		
		120	Feb	549.8	5.16	28.37	2938.7	147.79
Imp. Dulcis of Sarnia 65360	E	123	Jan	630.8	5.10	32.17		
		161	Feb	563.1	5.05	28.44	3226.8	156.04
Economic's Yolanda 2d 40752	B	70	Jan	948.4	4.17	39.55		
		98	Feb	768.1	4.29	32.95	3010.1	123.47
Imp. Emendator of Sarnia 65368	G	117	Jan	664.3	4.24	28.17		
		145	Feb	554.2	4.68	25.94	3331.6	140.99
LOVE, J. R., WAUKESHA, WIS.								
Hero's Cowslip of Hawthorn 49492	G	345	Feb	410.8	5.38	22.10	9998.6	477.14
Lily of Normandie 6th 31298	A	299	Feb	586.8	5.72	33.56	9208.1	444.65
McBANE, W. S., EAST LIVERPOOL, OHIO. 1 day test								
Chedda's Doris of Overland View 54635	G	120	Feb	569.5	5.96	33.94		
		151	Mar	586.5	4.30	25.22	3340.9	176.37
Chedda's Fanny of Overland View 54634	G	290	Feb	444.7	5.94	26.42		
		321	Mar	508.7	5.15	26.20	6174.7	313.80
Chedda's Sunday of Overland View 54636	G	176	Feb	499.4	6.70	33.46		
		207	Mar	510.0	5.81	29.63	4192.6	256.94
Doris W. of Edgemont 32813	A	223	Feb	382.5	5.82	22.26		
		254	Mar	448.5	5.50	24.67	5262.1	265.01
Fancy of Overland View 37246	B	243	Feb	462.7	5.27	24.38		
		274	Mar	522.0	4.70	24.53	6545.3	311.79
Imp. Fanny of Waddington 30741	A	361	Feb	373.1	4.95	18.47		
		365	Mar	51.3	4.95	2.54	8590.6	369.96
Imp. Monogram's Anneville Maid 34083	A	271	Feb	558.0	6.00	33.48		
		302	Mar	643.3	5.25	32.30	7782.5	382.54
Sequel of Overland View 41857	D	365	Feb	226.1	5.85	13.23	7071.0	326.50
McEWAN, CHARLES B., ALBANY, N. Y.								
Druce's May Queen 45294	D	28	Jan	1120.6	4.81	53.90		
		56	Feb	1162.8	4.81	55.93		
		87	Mar	1228.8	4.81	59.11	3512.2	168.94
MACKAY, CLARENCE H., ROSLYN, N. Y. 1 day test								
Masher's Galore's Masherlette 64737	G	228	Mar	1287.7	3.95	50.86	9701.8	394.40
Nivolette 2d 60799	C	58	Mar	1658.1	4.15	68.81	2928.6	118.49

tablished reputation as a farm nanager and a man thoroughly familiar with Guernsey cattle, having had ten year's successful experience along this line previous to taking up County Agent work.

Illinois

Maple Farm of Midlothian Sold

Maple Farm of Midlothian, Tinley Park, Illinois, well known as the country seat of the late Charles D. Ettinger, who gave it a high place as a Guernsey and Chester White nursery, has been sold to Ernest V. Maltby of the Chicago Board of Trade. The farm consists of 186 acres and lies twenty-three and one half miles southwestward from Chicago. Included in the transaction were two Belgian mares, five Guernsey females, nineteen Chester Whites and 100 White Leghorns, Mr. Maltby will take possession immediately.

—BREEDER'S GA. ETTE

Kentucky

Oakwood Farm Sales

Recent sales from Oakwood Stock Farm include three heifers to T. L. Connor of Ferguson, South Carolina, who writes: "One heifer dropped nice heifer calf and other two making up nice udders." One heifer to W. E. Painter, of Newark, Ohio; one heifer to J. H. Epps, Jonesboro, Tennessee; one heifer to Charles Rodgers, Madison, Indiana; one bull to S. K. Pugh, Foster, Kentucky; one to J. F. Rudder, Fenton, Missouri and four young bulls to a South Carolina Breeders' Association.

We read in Guernsey literature that the Guernsey bull is the "winner of the battle with the scrub," but we are being convinced that he is winner of the battle wherever a bull is used to improve the progeny of any class of grade cows.

A very good way to find the comparative value of grade cows, is when they are put under the hammer at a public sale for the high dollar, and we have noticed that, when a grade Guernsey is in a sale with other grade cows, she will nearly always top the sale.

—W. HENRY BELL, Scott's Sta.

Michigan

F. L. Irish Changed From Holsteins to Guernseys

"My experience in dairying has not been very extensive," writes F. L. Irish of Owosso, Michigan. "For a time I kept from four to six

GUERNSEY HOME FARM GUERNSEY HERD

H. C. McCAMON & SON, Owners LISBON, OHIO

80 HEAD will be offered at PUBLIC AUCTION 80

Tuesday, May 29, 1917 Beginning at 12 o'clock on the Farm

Consisting of a few American Bred Cows fresh springers

75 HEAD OF IMPORTED HEIFERS

Ranging in age from 1 to 2 yrs. Probably 50 of them bred to such bulls as:

Galaxy's Equal of Chestnut Hill 23176—a son of Galaxy's Sequel

Corrina 2d's May King 25845—half brother to May King of Linda Vista

Imp. Governor's King of Mara Alva 40565—a grandson of Gov. of the Chene

Hayes Raider of Waddington 36355—an inbred May Rose bull

The imported heifers are sired by the following sires

Governor of the Chene R. G. A. S. 1297 P. S.
Imp. Governor of the Vanquiedor 39925
Imp. Squire V. of Bickleigh 39133
Royal Governor of the Belles R. G. A. S. 3226 P. S.
Polly's Pride R. G. A. S. 2974 P. S.
Governor of the Corbinez R. G. A. S. 3302 P. S.
Golden Noble of the Bourg R. G. A. S. 3283 P. S.
Nora's Lad II. R. G. A. S. 15964 P. S.
Imp. Flower Boy of the Cloture 41131
Governor of Myrtle Place II. R. G. A. S. 2746 P. S.
Imp. Prince of La Croisee 40950
Imp. Honoria's Sequel II. 40668 (R. G. A. S. 2816 P. S.)
Imp. Golden Noble of the Chene 35593

ONE YEARLING BULL

Imp. Governor's King of Mara Alva 40565

Imported as Dawson's Polly's Pride R. G. A. S. 3888 P. S. whose sire is Gov. of the Corbinez R. G. A. S. 3302 P. S. and whose dam is Lohiers Polly III. R. G. A. S. 8902 P. S. a daughter of Imp. Pride of Day.

Seldom if ever has there been such a lot of Guernseys offered at Public Auction in Ohio. Great foundation stock.

FOR CATALOGUES "WHICH WILL BE READY BY MAY 15th" ADDRESS

H. C. McCAMON & SON LISBON OHIO

Ohio Guernsey Breeders' Association Field Day will be held at Guernsey Home Farm on May 23rd.
All Ohio breeders invited. Stop 27 on Y. & O. R. R. R. H. C. McCamon, Sec'y.

Nivolette of Harbor Hill 52936	B	76	Mar	1549.2	3.80	58.87	3462.7	151.23
The Second Dame 54564	C	99	Mar	1220.3	4.24	51.74	4069.0	170.82
MARKEN, OTIS A., VALDERS, WIS.								
Ella Miranda of Cranmoor 57049	G	43	Feb	607.3	5.24	31.82	945.8	48.88
Lovelady's Pride of Cranmoor 57048	G	103	Feb	614.1	4.96	30.46	2638.4	128.44
MARKHAM, W. G., AVON, N. Y.								
Belle D. of Edgewater 48105	D	59	Mar	981.4	4.32	42.4	1905.3	83.98
MARSH, W. W., WATERLOO, IOWA.								
Bopeep's Marie of Iowa 48800	F	123	Feb	670.2	5.48	36.73	3095.7	164.65
Cherub's Rose of the Prairie 54718	G	120	Feb	666.8	5.13	34.21	2897.4	145.33
Dairymaid of the Prairie 54715	G	83	Feb	908.4	5.52	41.06	2761.5	221.86
Dairymaid's Alyssum 44988	D	13	Jan	384.4	5.14	19.76		
		41	Feb	945.4	5.14	48.59	1329.8	68.35
Dairymaid's Jedetta of Iowa 45554	D	143	Jan	703.7	5.43	38.21		
		171	Feb	600.5	5.44	32.67	3989.4	204.55
Dairymaid's Snowdrift 44989	D	28	Feb	1017.0	3.54	36.00		
Dewdrop's Queen of the Paririe 57390	G	238	Feb	381.2	5.23	19.94	4183.3	194.73
Flora of Iowa 40446	C	345	Feb	331.8	5.74	19.05	7893.1	389.02
Imp. Hayes Citron 3d 44981	D	279	Feb	605.5	5.06	36.09	7305.0	406.85
Imp. Hayes Express 5th 69310	A	18	Jan	574.7	4.71	21.32		
		46	Feb	1104.5	3.71	40.98	1679.2	62.30
Imp. Hayes Express 8th 44982	C	11	Jan	361.8	4.44	16.06		
		39	Feb	961.7	4.44	42.70	1323.5	58.76
Imp. Hayes Express 9th 67866	E	238	Feb	738.6	5.46	40.33	6751.9	340.66
Imp. Hayes Felois 4th 53139	A	120	Feb	1241.0	4.79	59.44	5621.3	277.01
Imp. Hayes Felois 13th 67868	E	238	Feb	527.0	5.60	29.51	5372.8	273.10
Imp. Hayes Friquet 2d 44979	D	340	Feb	560.3	6.82	38.21	8920.5	467.06
Imp. Hayes Golden Cherry 8th 67858	A	19	Feb	831.0	4.44	36.90		
Imp. Hayes Lily du Preel 7th 67857	A	237	Feb	893.5	4.71	42.08	8766.4	399.88
Imp. Hayes Lily du Preel 8th 44976	B	99	Feb	962.1	4.89	47.05	3482.3	168.30
Imp. Hayes Mabel 67870	F	238	Feb	822.4	4.85	39.89	6819.9	319.32
Imp. Hayes Millie 2d 44977	D	366	Feb	375.0	5.93	22.24	12432.9	648.03
Imp. Hayes Sweet Marjoram 3d 67852	A	31	Jan	1256.6	3.94	49.51		
		59	Feb	1403.2	3.85	54.02	2659.8	103.53
Imp. Itchen Pine Blossom 40312	A	366	Feb	47.3	6.32	2.99	9381.0	487.05
Imp. Itchen Pine Blossom 2d 43158	B	9	Jan	388.3	4.41	17.12		
		37	Feb	1327.6	4.41	58.55	1715.9	75.67
Imp. Jessamine of the Ponchez 52788	A	25	Feb	1426.3	5.28	75.31		
Lillia of the Prairie 54722	G	284	Feb	479.6	5.78	27.72	5570.9	277.68
Madam Irene of The Maples Farm 43371	D	145	Feb	482.6	5.05	24.37	3269.0	165.39
Imp. Marie II. of la Maison d'Aval 34355	A	20	Jan	1123.3	4.86	54.59		
		48	Feb	1573.1	4.86	76.45	2696.3	131.04
Marie's Bopeep of Iowa 48801	F	148	Feb	481.4	4.83	23.25	2824.9	138.61
Imp. Roehampton Daisy 52356	E	151	Feb	978.2	5.57	54.49	5591.1	314.97
Roehampton Deanie 3d 52364	G	240	Feb	439.6	5.92	26.02	4777.6	255.34
Imp. Roehampton Grace Darling 52366	G	268	Feb	525.6	5.11	26.86	5662.8	262.03
Imp. Rose des Houards 44th 67851	A	120	Feb	917.6	4.63	42.48	3946.1	174.80
MINNESOTA, THE UNIVERSITY OF, ST. PAUL, MINN.								
Miss Nancy of Canterbury 26465	A	317	Feb	805.8	4.89	39.40	11719.2	530.64
MIXTER, EST. GEORGE, HARDWICK, MASS.								
Annaretta of Mixter Farm 47061	A	273	Feb	582.7	4.12	24.01	7567.3	325.32
Chief's Dolly 48414	B	124	Feb	843.6	5.46	46.06	4214.6	236.11
Chief's Hannah 48710	A	78	Feb	904.2	4.97	44.94	2592.2	125.78
Duchess Nancy of Hardwick 58067	F	207	Feb	470.7	5.45	25.65	4078.1	209.44
Duchess Pauline 47058	A	273	Feb	572.0	4.34	24.82	7137.4	318.23
Duchess Ruth 47060	A	108	Feb	1101.7	4.91	54.09	4495.8	220.47
Duke's Gipsy 44027	A	247	Feb	661.6	4.74	31.36	6990.2	323.51
Hardwick Gemina 47055	A	273	Feb	592.8	5.67	33.61	7089.2	358.80
Helen of Mixter Farm 38350	A	267	Feb	662.8	4.60	30.49	7013.9	332.49
Mary Ann of Mixter Farm 46983	A	110	Feb	812.9	4.65	37.80	3566.5	173.00
Mixter Anne 48394	B	273	Feb	587.0	5.35	31.40	6878.3	344.44
Mixter Bluebird 48396	B	247	Feb	897.5	5.01	44.96	8057.9	368.62
Mixter Dawn 58048	D	124	Feb	992.1	5.41	53.67	4592.7	247.00
Mixter Dayspring 53025	C	135	Feb	688.3	5.98	41.16	3579.1	204.42
Mixter Dominie 54247	B	160	Feb	780.9	5.27	41.15	5111.8	251.07
Mixter Dora 62940	F	192	Feb	528.1	5.12	27.04	3844.2	190.78
Mixter Duchess 48395	A	172	Feb	873.8	5.01	43.78	6261.4	297.80
Mixter Elizabeth 62943	G	189	Feb	554.6	5.31	29.45	4059.7	208.14
Mixter Elsie 48385	A	15	Jan	620.8	4.31	26.76		
		43	Feb	1282.4	4.31	55.27	1903.2	82.03
Mixter Faith 48711	C	336	Feb	740.0	5.56	41.14	10731.0	556.92
Mixter Grace 48415	B	261	Feb	589.5	5.48	32.30	6771.5	348.17
Mixter Hawthorne 48420	B	242	Feb	567.6	5.69	32.30	5881.8	317.16
Mixter Red Wing 48399	B	217	Feb	776.1	5.23	40.59	6443.2	323.27
Mixter Rose Dean 62951	F	127	Feb	670.6	5.42	36.35	3141.1	162.05
Mixter Star 62959	G	212	Feb	532.1	5.59	29.74	4221.0	226.26

cows of mixed breeds. Then I bred for Hoslteins exclusively. Later I changed to Guernseys and have noted a vast improvement in my cream checks. One year ago I bought a May Rose bull calf and on July 1 last I bought two cows, one a granddaughter of Governor of the Chene 1297 P. S. and they both dropped heifer calves. I have seven head now. My cows test 6.8% butterfat, and in three and one half months I have sold $108 worth of cream, besides making sixteen pounds of butter a month for family use. That is not so bad when you consider that I have no silo and do not use the improved dairy feeds that most dairymen use. I feed ground oats and wheat bran, cornstalks and good hay."

—American Farming

Ohio

W. S. McBane Sells Bulls

Have recently sold a registered Guernsey bull to Geo. M. Gray & Son, Bethel, Ohio; R. M. Artman, Leechburg, Pennsylvania; and R. S. DeWitt, Glenmont, Ohio. Two of the bulls were grandsons of Imp. Galaxy's Sequel 16904.

—W. S. McBane, East Liverpool

The National Dairy Show of 1917

This year's show will go down in history, not only as having been the greatest dairy show of all time, but as the most useful show ever held for agriculture. The demands now so insistently being made upon our people to produce food must reach the inner consciousness of every dairy farmer, and make him feel that the call is personal to him, and that therefore he must put into his business those often heard of and much put off methods of conservation and development that will make of his equipment a machine of greater service to his country in its time of stress.

Milk and its products contain properties sufficient unto themselves not only to sustain life, but to keep man in fighting trim. No other food can equal it, and no other food production can be as quickly realized. It therefore seems most natural that the heaviest call will be made upon the dairy industry in this food supply question, and it is timely that every aid and assistance be rendered by our industry to our country. We are calling upon the patriotism of every man who has anything to offer to our people, be it cows, machinery, or feed, that will add to our ability to meet the situation, to bring what he has to

Florham Guernsey Herd

MADISON, NEW JERSEY

J. L. HOPE, Owner

At the recent NATIONAL DAIRY SHOW held at Springfield, Mass., three daughters of our Herd Bull NE PLUS ULTRA 15265, were placed as follows:

FLORHAM PRINCESS 43598	**First in three-year-old class**
ULTRA LADY 38913	**First in four-year-old class**
FLORHAM MINUET 37946	**Second in aged Cow class**

These cows were also first, second and third respectively, in class for Cows having Official Yearly Records begun under the age of five years, thus proving that Show-Ring Beauty and Production are not incompatible. With the addition of Florham Monarch 20771, this group of four secure for their sire, the most coveted of all—the First Progeny Prize.

Following the custom of the two preceeding years, a selection of home-bred stock together with high-class Imported animals to make up an aggregate of about

ONE HUNDRED HEAD

WILL BE OFFERED AT PUBLIC AUCTION

THURSDAY, MAY 17, 1917

the day following the Annual Meeting of The American Guernsey Cattle Club.

The Home-Bred Stock will include daughters of NE PLUS ULTRA 15265 whose dam was also dam of King of the May, Florham Daisy and Langwater Dairymaid. These have been greatly appreciated at former sales. There will also be daughters of Imp. Beda's May Day 34995 and Imp. Gold Raiser 30002, both May Rose bulls of desirable individuality.

The Imported Contingent comprises the best that could be bought and the Island will be represented by one of the best sires, viz.:

IMP. HONORIA'S SEQUEL II. 40668

This bull among other prizes won KING'S CUP 1913; FIRST PROGENY PRIZE, Guernsey Farmers' Show, August, 1916 and PEER CHALLENGE TROPHY FOR BULL AND PROGENY, Sept. 1916.

At the last named show his individual score was 88 points, or 7 above his nearest competitor while his four daughters scored 325 points, or 14 above the next best group. He is by Imp. Clara's Sequel 29414, a many times winner on the Island, out of Sequel's Honoria 6722 P. S. a grand show cow and a frequent winner, with an official record of 12428.00 lbs. milk and 540.64 lbs. fat.

Both the Home-Bred and the Imported animals will be bred to the Florham, Herd Bulls, which are all of May Rose breeding and are, moreover, successful sires.

LEANDER F. HERRICK

Auctioneer

WORCESTER :: MASSACHUSETTS

Mixter Susie 62953	G	148	Feb	553.3	5.37	29.71	3027.4	154.60
Picotte's Select of Mixter Farm 47068	A	366	Feb	295.1	6.08	17.94	11173.0	537.00
Sally Hardtack 47062	A	232	Feb	806.1	4.23	34.10	7011.7	300.50
Susie of Mixter Farm 47056	A	207	Feb	807.2	4.63	37.37	6513.7	298.17
Thirty Thousand Six Hundred Seventy One 30671	A	66	Feb	1241.6	4.52	56.12	2894.9	133.50
Thirty Thousand Six Hundred Seventy Six 30676	A	114	Feb	989.7	4.50	44.54	4131.6	191.13
Thirty Thousand Eight Hundred Eleven 30811	A	273	Feb	595.2	5.47	32.56	7941.9	399.70
Thirty Thousand Eight Hundred Twenty Four 30824	A	24	Jan	855.7	4.96	42.44		
		52	Feb	1079.1	5.01	54.06	1934.8	96.50
Thirty Thousand Eight Hundred Fifty Eight 30858	A	154	Feb	726.4	5.30	38.50	4728.2	247.77
Yeoman's Mixter Belle 62946	G	322	Feb	323.4	6.57	21.25	6642.9	375.01
Yeoman's Mixter Faith 62948	G	189	Feb	616.4	5.74	35.38	4376.5	225.65
Yeoman's Mixter Nun 62949	G	235	Feb	598.3	5.63	33.68	5388.8	289.06
Yeoman's Mixter Picotty 62965	G	134	Feb	668.0	4.52	30.19	3690.7	168.24
Yeoman's Mixter Princess 62960	G	126	Feb	789.3	4.49	35.44	3584.1	171.39
Yeoman's Mixter Select 58055	F	219	Feb	643.6	4.63	29.80	5156.3	235.93
Yeoman's Mixter Queen 58059	G	344	Feb	563.2	5.30	29.85	7690.3	413.11
Yeoman's Mixter Mary Ann 62974	G	10	Jan	212.1	5.09	10.80		
		38	Feb	822.3	5.09	41.86	1034.4	52.66
MOODY, MARK H., WATERBURY, VT.								
Betty Masher Hope of Winnisquam 51881	F	92	Jan	879.2	3.83	33.67	2647.7	102.35
Dolly Masher of Winnisquam 51882	F	2	Jan	36.6	4.15	1.52		
		30	Feb	819.1	4.15	33.99	855.7	35.51
Hester of Bonny Mead 35302	A	2	Jan	51.6	4.82	2.49		
		30	Feb	982.4	4.82	47.35	1034.0	49.84
Lady Hectoria's Winnisquam Lass 51879	F	115	Jan	651.6	4.38	28.54		
		143	Feb	552.4	4.89	27.01	2880.1	127.94
Martha Winn 45271	D	57	Jan	1077.0	3.98	42.86		
		85	Feb	887.6	4.03	35.77	2768.5	116.09
Myra's Jewel's Winona of Winnisquam 50672	F	110	Jan	702.9	4.10	28.82	2840.3	105.27
Myrtle of Bonny Mead 45137	D	189	Jan	555.5	5.62	31.22		
		217	Feb	516.4	5.07	26.18	4903.0	238.35
Nancy of Bonny Mead 46864	D	115	Jan	732.4	4.70	34.42		
		143	Feb	572.1	5.46	31.24	3644.6	174.28
Queen Masher of Winnisquam 51880	F	31	Dec	830.4	4.68	38.86		
		62	Jan	890.3	4.39	39.08		
		90	Feb	728.5	4.81	35.04	2449.2	112.98
Theda of Bonny Mead 53078	F	6	Nov	117.1	4.77	5.59		
		37	Dec	638.2	4.77	30.44		
		68	Jan	607.5	4.95	30.07		
		96	Feb	507.7	5.25	26.65	1870.5	92.75
Trophy's Gem of Bonny Mead 35301	A	2	Jan	42.0	5.40	2.27		
		30	Feb	626.6	5.40	33.84	668.6	36.11
Valdessa of Bonny Mead 41182	B	19	Feb	487.3	4.69	22.85		
Valverda 18673	A	28	Feb	694.6	4.83	33.55		
Zelda of Bonny Mead 36247	A	245	Jan	651.8	4.46	29.07		
		273	Feb	547.5	4.51	24.69	6323.8	282.02
MOORE, PAUL, CONVENT, N. J.								
Imp. Duvallerie II. of les Houards 53649	G	366	Feb	559.7	5.24	29.33	8817.4	443.14
Imp. Miss Rosey of Les Pages 69276	F	59	Feb	1083.7	4.40	47.68		
		90	Mar	1182.9	4.48	52.99	3342.8	143.93
Imp. Molly II. of Rose Farm 53653	G	334	Feb	441.8	4.73	20.90		
		365	Mar	457.8	4.76	21.79	7146.3	321.24
Imp. Queen Rose of Pine Grove 47176	C	260	Feb	754.6	5.46	41.20		
		291	Mar	834.9	5.02	41.91	10046.5	519.36
MORRILL BROS., CORNISH, ME. 1 day test								
Pearl's Pride of Broad Vista 49809	F	260	Mar	609.8	5.40	32.93	6402.5	313.13
MURRAY, BAYARD, NEWARK, DEL.								
Edith of Pleasant Hill 54412	C	274	Mar	862.0	5.31	45.77	7937.9	350.98
NORTH DAKOTA AGRICULTURAL COLLEGE, FARGO, N. D.								
King of the May's Faye 46794	E	237	Mar	411.3	5.38	22.13	4853.9	238.79
OGLEBAY, E. W., WHEELING, W. VA.								
Dairymaid's Glenwood's Primrose 52168	G	268	Mar	627.5	4.85	30.43	6436.7	289.80
Pride's Violet of Waddington 51410	G	121	Mar	760.1	5.48	41.65	2995.0	159.42
Raider's Beta Jipsultana of Waddington 51771	G	181	Mar	709.2	5.82	41.28	4245.8	218.16
Raider's Daisy of Waddington 51412	G	319	Mar	576.7	5.89	33.97	6876.4	352.57
Raider's Lily of Waddington 48109	F	365	Mar	463.5	6.14	28.46	9660.2	490.92
Raider's May Wort 48110	C	79	Mar	1307.2	4.21	55.03	3287.8	131.16
Raider's Retta of Waddinton 51409	G	365	Mar	236.2	5.98	14.12	8511.3	417.17
Imp. Rose of Gold 5th 45937	B	295	Mar	361.5	6.14	22.20	6534.9	359.49

this show, and we have tendered the show to the federal government of agriculture and to the agricultural colleges for such advanced uses as they care to make of it for the benefit of our people.

The show is serving a wonderful purpose each year under normal conditions, and we now propose to speed it up to meet abnormal conditions. Regardless of the duration of our participation in the war, we must be able to take care of the feeding of the people of the world for some time to come, so that we have many years before us that will call for the maximum production of raw and manufactured dairy products.

There should be no hesitancy in any part of this great industry to rally to the flag, nor to make of this year's National Dairy Show an epoch maker for the material benefit of the whole country. Now is the time to conserve the heifer calves, and to confine all breeding operations to securing the very highest class of offspring to be brought to full maturity. Let every dairyman put his shoulder to the wheel and see that nothing is left undone that will tend to insure an immediate full food supply, and have no fear of the future, as it is very questionable if we will again see supply equal demand for our products.

—W. E. Skinner, Gen. Mgr.

E. C. Peck Buys Langwater Golden Secret 26510

Enclosed find application for transfer for the bull Langwater Golden Secret 26510;this bull is one of the very youngest sons of Imp. Golden Secret 12599, and his dam is a daughter of Imp. King of the May 9001. He has done most excellent service in my herd and is sold because it was necessary for me to add another sire. He goes to E. C. Peck, of Macedonia, Ohio. Mr. Peck has been purchasing some very high class animals, and this bull should have a good opportunity to make a splendid showing in his herd. Mr. Peck is also getting a daughter of this bull, Golden Secret's Matilda 69914 that is a beautiful heifer.

—M. T. Phillips

Pennsylvania

Pencoyd Farm Folder

T. W. & I. W. Roberts, Pencoyd Farm, Bala, Pennsylvania, have recently issued a neat folder, featuring one of their herd bulls, Apollo of Rich Neck 27937. It gives besides an ex-

CLOSING-OUT SALE

of the

Maplehurst Guernsey Herd

Property of the Estate of the late

GEORGE B. TALLMAN, WEST GROVE, PA.

To be sold at the Farm on

TUESDAY, MAY 22, 1917

Included in the offering are a number of heifers, heifer calves and a few young bulls by such sires as

DON CAVALIER OF LINDA VISTA 20842
PRIMAL 15307
IMP. ITCHEN GOLD RAIDER 25040
IMP. GOLD RAISER 30002
LANGWATER KING OF FRANCE 16724
LANGWATER SUNDERLAND 19337

The females in calf have been bred to the inbred May Rose bull **IMP. ITCHEN GOLD RAIDER 25040,** a bull of superb individuality whose dam is a full sister to the dam of the great cow **LANGWATER HOPE 27946 A. R 1978.**

The herd has recently been tuberculin tested under the direction of the Pennsylvania State Board and all reacting and non-breeding animals removed. The balance will be sold without reserve on conditions stated in the catalogue which will be published soon and which will give full information regarding the animals.

For Catalogue Address

LEANDER F. HERRICK Auctioneer

405 Main Street - WORCESTER, MASS.

OLESON, A. O., LIVINGSTON, WIS.								
Cherry Blossom of Yeksahurst 42599	C	69	Feb	1040.8	4.19	43.61	2020.1	109.59
Fannie's Gloria 29470	A	22	Feb	918.4	4.85	44.54		
Madame Cherie 35699	A	57	Feb	1254.9	4.28	53.71	2657.0	106.01
Missie of Yeksahurst 42598	C	73	Feb	835.0	5.91	49.35	2398.0	129.49
Missy Willow 33889	A	159	Feb	851.5	5.07	43.17	6065.4	290.05
Nancy of Yeksahurst 51755	F	76	Feb	897.9	5.08	45.61	2469.3	118.32
Pattinette 26837	A	156	Feb	1037.8	5.44	56.46	6673.4	340.87
Patti of Helendale 23105	A	193	Feb	583.6	5.36	31.28	4814.4	245.02
Yeksanette 42600	D	154	Feb	908.0	5.71	51.85	5350.8	273.79
PALO ALTO STOCK FARM, Inc., PALO ALTO, CAL.								
Imp. England's Lady Orange 65663	A	84	Mar	1322.5	4.98	65.86	3634.8	174.08
Kitchener's Dainty Lass 37884	A	69	Mar	1395.4	5.16	72.00	2921.3	146.77
Imp. Miss Jane of Lewison 23316	A	53	Feb	1877.9	3.98	74.74		
		84	Mar	2173.9	4.02	87.39	5404.6	235.99
Mysie's Jane of Alta Vista 31874	A	84	Mar	1520.2	4.23	64.30	4053.9	165.81
PARNALL, C. G., JACKSON, MICH. 1 day test								
Bijou's Pet 37133	B	294	Feb	658.7	5.21	34.32	8067.6	388.92
Erma of Hillhurst 35497	A	360	Feb	374.5	5.19	19.44	9815.9	472.85
Richesse of Halcyon Farm 37134	B	284	Feb	585.0	5.38	31.47	7604.2	371.34
St. Austell Clementine 65423	G	281	Feb	483.3	6.14	29.67	6163.8	326.31
St. Austell Cynthia 53535	G	111	Feb	890.9	3.81	33.94	3769.9	144.86
St. Austell Golden Bonetta 41873	D	360	Feb	619.1	4.99	30.89	9454.6	451.37
PHILLIPS, M. T., POMEROY, PA.								
Dora A. of Seneca 36974	A	263	Mar	824.9	5.82	48.01	8213.3	389.06
Golden Pauline of Pomeroy 56152	G	163	Mar	809.3	4.44	35.93	4384.8	194.66
Matilda of Pomeroy 50086	F	241	Mar	596.7	6.59	39.32	5718.7	310.96
Matilda May Rose 30774	A	249	Mar	571.5	5.62	32.12	8168.2	380.84
May King's Ideal 40323	B	117	Mar	1332.9	4.86	64.78	5110.8	236.45
Nankeen 6th 43850	A	74	Mar	1217.8	4.96	60.40	3164.3	141.18
Royal's Lady Jane 53604	G	61	Mar	1339.4	3.72	49.83	2651.4	100.34
Royal's Pretty Pearl 50085	G	319	Mar	615.8	4.92	30.30	8022.1	346.14
Toma of Hillstead 18834	A	99	Mar	1744.5	4.08	71.18	5651.0	223.61
POST, OTTO W., ENSENORE, N. Y. 1 day test								
Enola Bay 2d 53130	G	243	Feb	473.5	5.75	27.23	4826.4	250.90
Ledyard Bay 2d's Winona 47766	E	80	Feb	727.9	6.10	44.40	2133.4	132.73
Ledyard Bay 2d's Winona Girl 56070	G	57	Feb	775.8	4.59	35.61	1572.5	75.60
Lizetta's Ruth 27803	A	366	Feb	13.0	5.19	.67	12109.3	558.37
Princess Bay 27804	A	68	Feb	1009.0	4.85	48.94	2346.6	117.96
Von Davreeda 20735	A	334	Feb	472.0	5.44	25.68	8014.0	373.16
PYNE, PERCY R., BERNARDSVILLE, N. J.								
Chaperon of Upton Pyne 54222	G	71	Mar	1117.6	4.77	53.31	2383.2	118.37
Coraleona of Upton Pyne 42372	D	365	Mar	250.4	5.59	14.00	9323.8	457.71
Irene of Upton Pyne 54220	G	131	Mar	802.1	5.63	45.16	3365.2	185.35
RAMSEY, JOHN P., CHARLOTTE, VT. 1 day test								
Elmdale's Lilac 43754	E	366	Feb	186.5	6.16	11.49	7700.9	417.54
Lucile of Woodbine 42006	A	23	Jan	718.0	4.45	31.95		
		51	Feb	822.3	4.45	36.59	1540.3	68.54
Lucy of Woodbine 49235	D	304	Feb	202.7	6.84	13.86	6823.4	360.42
Primrose of Woodbine 63936	G	334	Feb	241.4	6.36	15.35	4578.0	250.81
Queen Mab of Woodbine 45535	E	320	Feb	497.1	4.48	22.27	7611.6	348.15
Sweet Clover of Elmdale 41086	B	100	Feb	706.1	5.18	36.58	2915.6	137.12
RATHER, ARMAND P., PEEBLES, WIS. 1 day test								
Lelah Rosebud 40048	A	366	Feb	220.4	7.07	15.58	8831.4	434.20
RICE, EST. W. B., PETERBOROUGH, N. H.								
Camilla's May of Fox Run 44915	E	273	Feb	518.9	4.86	25.22	6718.7	309.12
Langwater Lady Love 49698	G	270	Feb	626.5	4.41	27.63	7452.2	332.27
May Roselyn 44917	F	364	Feb	405.1	5.76	23.33		
		365	Mar	13.2	5.76	.76	9185.2	439.05
ROBERTS, T. W. & I. W., BALA, PA.								
Nella Jay 2d 29718	A	148	Mar	785.2	4.52	35.49	4883.9	214.94
Nella Jay 6th 55417	E	261	Mar	928.5	5.07	47.07	8653.0	410.58
Vrangue of Pencoyd 31297	A	182	Mar	849.2	4.65	39.49	5966.3	255.04
ROEBLING, F. W., TRENTON, N. J.								
Chronicle's Favourite of Ewing 59369	G	6	Feb	92.5	4.77	4.41		
		37	Mar	550.6	4.77	26.26	643.1	30.67
Sapphire of Ewing 54299	F	18	Feb	450.2	4.18	18.82		
		49	Mar	795.7	4.18	33.26	1245.9	52.08
ROSE, OLIVER N., GREENE, ME.								
Bell of Monmouth 19080	A	23	Feb	567.7	4.07	23.11		
		54	Mar	795.1	4.38	34.83	1362.8	57.94
Bessie of Clover Leaf 43764	D	259	Mar	442.9	4.92	21.79	4572.2	211.64
RUNDELL, F. B. & NICHOLSON, R., LIVINGSTON, WIS. 1 day test.								
Imp. Blanche of Maplelawn 47333	D	317	Feb	686.6	5.02	34.47	8905.8	426.84
Imp. Fanny of Maplelawn 48078	B	292	Feb	551.5	4.93	27.19	8445.2	374.85
Imp. Rosie II. of les Buttes 53763	C	243	Feb	752.5	4.93	37.10	7133.7	336.14

tended pedigree and a picture of the bull, pictures and production records of his sire, Lavanton 11611 A. R. and his dam, Bloomfield Pandora 20760 A. R. and three of his full sisters.

Why I Prefer Guernseys

"Because I like them best," would be the short answer if asked why I prefer Guernseys. This, though, would not be giving very definite information as far as reasons are concerned. In the first place, since we are furnishing product to market that pays on a butter fat basis, the Guernseys along with the Jerseys are unbiasedly acknowledged by all dairy papers and dairy writers to produce butter fat cheapest.

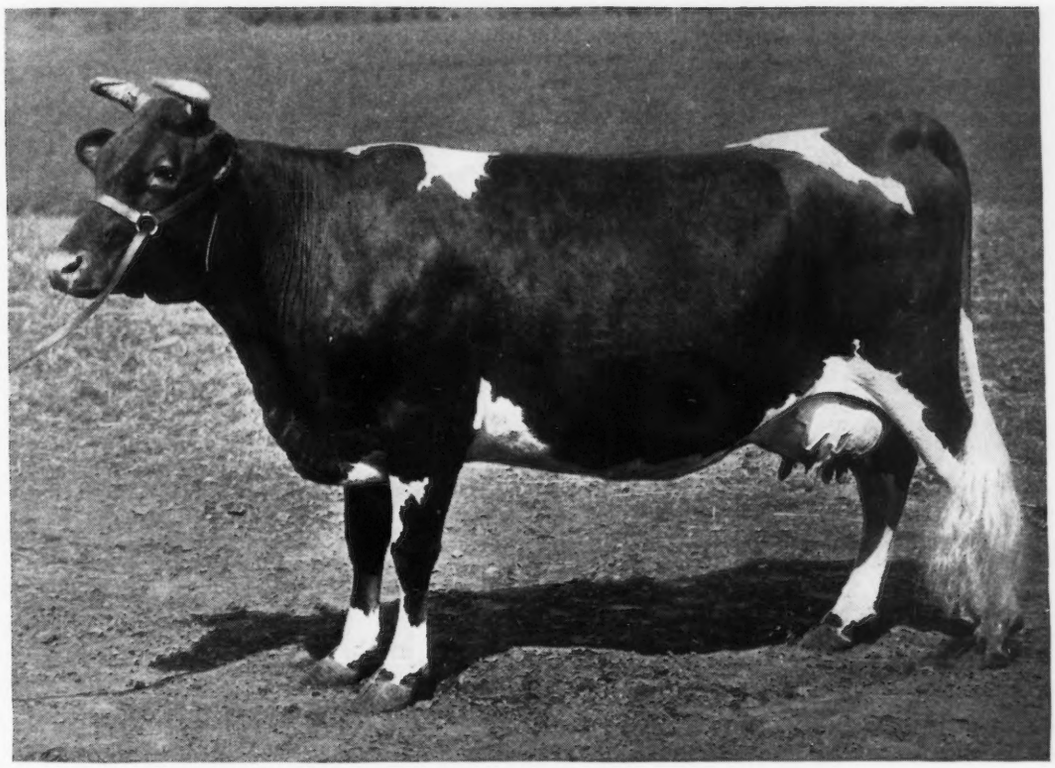
"One thing I like especially in the Guernseys is their quiet, docile disposition. As yet our herd is much mixed, but the two quietest animals in it are two grade Guernseys. Several times this winter we have had occasion to note their temperament. When strangers would happen to be in the barn at milking time, the other cows would invariably decline their flow while the strangers were there. Two ot three times, too, I have had to leave the barn before being through milking one or the other of these two cows and either my wife or the man working for me would finish them and never was there a shrinkage in their flow.

"Another thing I like about Guernseys is the fact that they are not "finicky" in regard to their eating. We have had occasion to note this point also a few times this winter. Several times we have had to change our grain mixture. When we change usually for a few days several of the cows would "mince" over their feed but at no time did I notice that the Guernseys did.

A last point that was a strong inducement for me to favor Guernseys is the milk and butter fat records of the breed. At the present time there are by far a greater percentage of Guernseys holding yearly records in the Advanced Register of the breed than is shown by any of the other breeds. On February 15, 1917, out of 68400 cows registered 4749, or about one of every fourteen were in the Advanced Register.

—Hugh Fergus,
in Grove City National

SHOREWOOD



PEARL OF POMEROY A. R. 4769

12114.7 lbs. Milk; 618.65 lbs. Fat at 3½ yrs.

Sire---LANGWATER ROYAL 14253 A. R.

By KING OF THE MAY 9001 A. R.

Dam---GERAR PEARL A. R. 1107

12824.9 lbs. Milk; 608.65 lbs. Fat at 8 yrs.

Out of MARY JANE OF GERAR A. R. 2367

14222.4 lbs. Milk; 694.08 lbs. Fat at 9 yrs. 7 mos.

14004.6 lbs. Milk; 697.22 lbs. Fat at 10 yrs. 11 mos.

Bred and Developed by M. T. PHILLIPS, POMEROY, PA.

OWNED BY

SHOREWOOD FARM

Crystal Bay, Minnesota

Imp. Select II. of Le Marais 53766	C	8 Nov	196.2	5.16	10.12			
		39 Dec	839.6	5.16	43.32			
		70 Jan	779.1	5.42	42.23			
		98 Feb	646.6	5.52	35.69	2461.5	131.36	
Imp. Turquie Rose 53767	A	131 Feb	784.7	4.25	33.35	4011.4	169.47	
RUNDELL, HOMER F., LIVINGSTON, WIS.								
Imp. Alma of Linwood 51573	D	78 Feb	1176.2	4.12	48.46	3257.1	140.11	
Imp. Annie of Linwood 51555	C	116 Feb	1019.0	5.10	51.97	4327.3	204 61	
Du Port's Lily Queen 35118	A	151 Feb	886.1	4.47	39.61	4526.4	200.19	
Frances of Upper Freehold 45255	D	71 Feb	1360.7	4.54	61.78	3570.5	160.50	
Ideal of Alfalfa Farms 40750	A	139 Feb	1096.5	5.91	64.80	5806.3	316.85	
Sweetness of Linwood 51085	F	151 Feb	820.5	5.06	41.52	4158.8	220.62	
RUSSELL, G. C., WILLOUGHBY, OHIO								
Baby May of Maple Ridge 42137	A	105 Mar	989.6	5.34	52.84	3475.1	180.94	
Imp. Captain Lyons's Lady Petite 37625	A	109 Mar	853.5	5.55	47.37	3211.2	169.12	
May McKenzie of Sunset Lodge 25122	A	97 Mar	1265.8	4.99	63.16	4021.0	193.83	
Minnie of Indian Hill 29471	A	87 Mar	1251.3	4.57	57.18	3624.4	156.99	
Imp. Pleasant II. of La Turquie 35828	A	38 Mar	1201.6	5.22	62.72	1425.1	74.16	
SCOVILLE, ROBERT & HERBERT, TACONIC, CONN.								
Eureka of Grasslands 54759	G	132 Mar	987.3	4.08	40.28	4142.2	170.63	
Polly of the Circus 54758	G	201 Mar	1074.2	4.13	44.36	7369.7	316.33	
SHERMAN, J. G., GREENWICH, N. Y.								
Aneta Warren Wood of Elmpines 37416	A	67 Mar	1415.5	4.18	59.17	3057.1	119.42	
Imp. Nellie of the Mont Marche 50407	A	154 Mar	1002.9	5.63	56.46	5360.2	305.26	
Rude of Bellview 47478	D	85 Mar	563.1	5.53	31.14	1774.9	95.11	
Saisy of Elmpines 54698	G	144 Mar	639.2	5.11	32.66	3476.4	175.97	
Sally of Elmpines 51289	G	212 Mar	652.2	4.27	27.85	4661.9	198.17	
Sari of Elmpines 51290	F	188 Mar	916.9	4.23	38.78	5779.1	233.89	
Seaster of Elmpines 51291	G	212 Mar	938.6	4.20	39.42	6490.0	269.32	
Imp. Simrose of Elmpines 51362	G	365 Mar	49.7	4.25	2.11	9188.0	416.15	
SICHENEDER, JOSEPH, WACONIA, MINN. 1 day test								
Ellen M. 37637	A	157 Mar	850.9	5.34	45.44	4443.2	244.51	
Waldora Sequel of Waconia 51470	F	169 Mar	653.9	5.25	34.33	3906.5	197.79	
Winna of Woodend 2d 30066	A	169 Mar	1104.4	4.01	44.29	6289.4	275.93	
SMITH, FRANK M., SPRINGFIELD CENTER, N. Y.								
Alfreda of Broad Acres 47821	F	168 Mar	838.7	4.30	36.06	5535.5	246.96	
Bell of Broad Acres 51031	G	314 Mar	677.8	4.95	33.55	8357.9	437.67	
Fay of Hammond 42183	A	52 Mar	1701.2	4.42	75.19	2743.1	130.31	
Glenwood Girl of Springfield 2d 42750	D	269 Mar	940.4	4.92	46.27	9953.0	504.37	
Hetty Hutter of Springfield 35499	A	324 Mar	352.1	4.90	17.25	8043.7	405.21	
Phillida of Maple Shade 34933	A	330 Mar	850.9	4.51	38.38	10156.9	472.31	
Rockingham's Lily 41017	D	328 Mar	541.3	5.69	30.80	8322.0	426.32	
Susnny of Hammond 42184	A	135 Mar	1358.2	4.69	63.70	5966.7	273.89	
SWAN, FRANK E., WAUWATOSA, WIS.								
Pearl of Maple Heights 52449	G	307 Jan	597.2	5.13	30.64			
		335 Feb	516.7	4.92	25.42	7213.6	325.41	
Sweet Alice of Maple Heights 52448	G	268 Jan	602.5	5.61	33.80			
		296 Feb	529.0	5.56	29.41	6537.3	322.80	
Sweet Alice of Norwood 31423	A	319 Jan	809.1	5.67	45.88			
		347 Feb	700.5	5.78	40.49	12400.9	582.59	
Tricksey of Maple Heights 52447	G	319 Jan	590.6	7.26	42.88			
		347 Feb	515.8	7.32	37.76	7341.9	438.73	
Vazon's Sequel's Janilly 43029	D	276 Jan	488.4	5.52	26.96			
		304 Feb	473.6	5.32	25.20	7187.0	351.26	
TABER, EST. H. E., CASTILE, N. Y. 1 day test								
Cricket's Katydid 55824	G	138 Mar	606.3	6.44	32.98	3211.6	162.81	
Margaret M. of Maple Row 64230	F	339 Mar	418.5	6.33	26.49	7877.7	418.15	
Mignonette of Maple Row 27265	A	182 Mar	1032.8	5.62	58.04	7827.0	409.23	
Penta 43707	E	356 Mar	302.5	5.80	17.55	8736.3	480.76	
Reservation Charlotte 39961	B	118 Mar	637.5	5.86	37.36	2758.8	159.95	
Vanguard's Prota 65433	G	294 Mar	451.6	5.35	24.16	5579.4	279.46	
TAGGART, RUSH, NEW CANAAN, CONN.								
Masher's Rushbrooke 47598	E	201 Jan	606.9	5.50	33.38			
		229 Feb	490.3	5.61	27.51	5234.5	282.38	
Prince's Leda 31395	A	275 Dec	735.7	5.36	39.43			
		306 Jan	667.7	5.50	36.72			
		334 Feb	417.3	5.41	22.58	9696.8	466.47	
Robert's Primrose of Dellwood 46826	F	366 Jan	243.8	5.58	13.60	7476.2	386.21	
THOMSON, FRANK GRAHAM, DEVON, PA.								
Bonito of Brookmead 2d 41126	C	145 Feb	873.6	4.44	38.79	5178.6	219.01	
Brookmead's Dimple 49806	G	298 Feb	565.1	5.02	28.37	8218.8	387.47	

South Dakota

Guernseys Profitable in South Dakota

Carl C. Sheen, Hyde county, South Dakota, wtites as follows in the Dakota Farmer:

"Village Princess 54184 is a pure bred Guernsey heifer of the famous May Rose family on the sire's side and the Pretor 9316 and Sheet Anchor 2934 families on the dam's side.

"She was born April 22, 1914 and dropped her first calf January 9, 1916, at the age of one year eight months and seventeen days. She is the first and only officially tested cow in Hyde county, being a junior two year old at the time of making the test, beginning January 12, 1916. She produced 8426.7 pounds of milk and 385.89 pounds of butter fat in the year.

"The average price of butter fat on the home market for the year 1916 has been thirty-one cents a pound, making an income from butter fat of $119.62.

"The following feed was consumed during the year: 8 pounds of grain daily, 4 in the morning and 4 in the evening, consisting of 2 pounds corn, 2 pounds bran, 2 pounds ground oats, and 2 pounds of ground speltz, making a total for the year of 2920 pounds at an average cost of $1.40 a 100 or $40.08; also three tons of alfalfa hay at $7.00 a ton and one ton of prairie hay at $5.00 a ton, total of $26.00. This makes a grand total of $66.08 for feed during the year. Therefore the owner's profit from butter fat is $53.27.

"The following test was made in accordance with the rules and regulations of THE AMERICAN GUERNSEY CATTLE CLUB through the South Dakota State College at Brookings and by S. W. Sussex, superintendent of the substation at Highmore, South Dakota.

"The above are simply a few plain facts showing the possibilities of a dairy cow in this section of the country where every pound of the feed has been bought at retail prices and the product sold on the home market—and remember, in addition to the above profit there is a pure bred calf and over 8,400 pounds of skim milk. And on February 2, 1917, Village Princess 54184 dropped her second calf, a heifer and named 'Sheen's State Princess.' Do dairy cattle pay?"

TO THE GUERNSEY BREEDERS OF AMERICA

AT this critical period in the NATION'S History we must all work together and use every means to make our efforts most effective.

TO the FARMER falls the lot of increasing the normal yield of field crops, which is the source of the Country's food supply.

PIONEER BALED SHAVINGS furnish one means to increase productiveness. Pioneer Shavings make the best bedding for livestock—cheap and sanitary—and not only help to produce better milk, but also result in a valuable fertilizer to increase the field crop yield.

Write for descriptive circular and price on carload lots delivered at your station.

NEW ENGLAND BALED SHAVINGS CO.

42 State Street :: :: :: Albany, N. Y.

Roughwood Guernseys

Our Advance Register Records average 10,083.27 lbs. of milk and 495.82 lbs. of fat.

We have several nice bull calves for sale at reasonable prices; some from Advanced Register cows with good records.

NO FEMALES FOR SALE

GEORGE N. BARRIE

Chestnut Hill - - - Massachusetts

Wisconsin

Sauk County Guernsey Breeders Organize

The Guernsey breeders of Sauk county, Wisconsin, met at The Business College building in Baraboo, March 31 at 2 p. m. and organized the Sauk county Guernsey Breeders' Association. The meeting was a very interesting one. Sauk county has one of the most successful cooperative creameries in the state.

The object of this new association is to promote the breeding and improvement of high grade and pure bred Guernsey cattle in Sauk county, to aid its members in buying, breeding and selling first class animals and to establish a reputation for Sauk county as a Guernsey center.

The meeting was called to order and Carl Wickern and Clifford Capener were elected temporary president and secretary, respectively. Upon motion, the president appointed R. F. Klemm, Clifford Capener and Pierce Martiny as a committee on the constitution and by-laws. The governing board is to consist of nine directors. They were elected as follows: Roy Prouty, R. F. Klemm and Pierce Martiny to serve for one year; Henry

Brookmead's Maya 52036	G	240	Feb	674.4	4.75	32.03	6596.2	298.07
Brookmead's May Rose 49303	G	300	Feb	633.1	5.64	38.53	8288.9	413.44
Brookmead's Queen 55398	G	26	Jan	760.8	4.60	35.00		
		54	Feb	815.7	4.01	32.71	1576.5	67.71
Brookmead's September Morn 55401	G	12	Jan	343.7	4.76	16.36		
		40	Feb	851.6	4.76	40.54	1195.3	56.90
Deanie Woodburn of Brookmead 2d 37095	A	130	Feb	1189.6	4.09	48.65	6411.5	259.07
Golden Beauty of Brookmead 39998	C	334	Feb	656.4	5.47	35.91	9458.6	456.28
Langwater Francaise 35751	A	304	Feb	776.0	4.73	36.70	11991.4	546.26
Malinda Glenwood 33802	A	327	Feb	1035.1	4.92	50.93	15619.2	740.51
Symphony of Paxtang 40920	A	25	Jan	1268.9	4.25	53.93		
		53	Feb	1503.4	4.36	65.55	2772.3	119.48
TOUSEY, WILLIAM B., JORDAN, N. Y.								
Cherry of Old Orchard 40981	C	274	Mar	679.6	5.03	34.18	8681.1	396.46
Jessie May Rilma of Broad Ridge 54669	G	169	Mar	738.4	5.20	38.40	4151.6	215.07
VAN ALSTYNE, EDWARD, KINDERHOOK, N. Y. 1 day test								
Glenwood's Buttercup of Sunnyside 53226	F	31	Mar	727.6	4.93	35.87		
Justice Daisy 48135	E	11	Feb	270.3	5.37	14.52		
		42	Mar	966.3	5.37	51.89	1236.6	66.41
VANDER BEEK, F. I., GLEN SPEY, N. Y.								
Cragston Ethel 50556	G	244	Jan	541.3	5.46	29.55		
		272	Feb	486.4	5.02	24.42	5946.2	290.73
Imp. Deanie's Pride 47184	E	276	Jan	483.6	5.02	24.28		
		304	Feb	434.6	5.02	21.82	6513.4	300.69
Imp. Sailor's Pride of Grande Rocque Hotel 53660	G	245	Jan	560.8	5.26	29.50		
		273	Feb	524.0	5.33	27.93	6027.8	283.08
VAN KIRK, E. S., NEWFIELD, N. Y. 1 day test								
Christie S. of Allen Farm 26303	A	90	Feb	936.1	5.01	46.90	2976.5	148.51
Co-Ed of Ithaca 26304	A	90	Feb	1174.4	4.04	47.45	3822.4	159.72
Co-Ed of Ithaca 2d 33558	A	88	Feb	1163.2	4.71	54.79	3525.9	157.78
Lucy Taylor 44872	D	90	Feb	751.7	5.12	38.49	2447.2	121.94

VOGET, OCTAV, HUBBARD, ORE.

Dolly of Clover Hill 42718	A	223	Feb	432.1	5.74	24.80	4921.4	262.75
Galaday's French Girl of Sequoia 50130	G	322	Jan	508.2	5.92	20.09		
		350	Feb	474.7	5.63	26.73	8314.4	433.53

WEBB, J .WATSON, SYOSSET, N. Y.

Flora of Woodbury 49380	F	206	Mar	609.0	5.52	33.62	4062.9	214.66
Imp. Rippling River 1st 40550	A	292	Mar	561.8	6.04	33.93	6538.1	337.44

WHITE, GEORGE M., FREEHOLD, N. Y.

Fair Lady of Gayhead 33999	A	353	Mar	554.0	4.28	23.71	10686.3	471.56
Flaud 3d 44170	B	24	Feb	849.9	4.92	41.82		
		55	Mar	1073.3	4.92	52.81	1923.2	94.63
Gayhead's Queen 55511	G	24	Feb	796.3	4.25	33.84		
		55	Mar	997.0	4.25	43.37	1793.3	76.21

WHITNEY, C. L. A., ALBANY, N. Y.

Imp. Blanchflower XX. 47923	E	365	Mar	822.2	5.85	48.10	13553.7	687.93
Imp. Daisy II. of the Friquet 40307	A	328	Mar	597.9	6.79	40.60	10866.8	551.88

WILDER, G. W., COLTON, CAL.

Imp. Brittleware Wild Rose 48508	B	104	Mar	942.3	5.10	48.06	3463.9	168.05
Caroline of Chilmark 24812	A	343	Mar	992.3	6.34	62.91	14685.4	694.36
Glen's Caroline of Hollow Hill 49904	G	304	Mar	516.9	5.75	29.72	7250.4	383.89

WILKINS, CHARLES A., PLATTEVILLE, WIS.

Alma Ethel 33964	A	330	Feb	686.2	5.09	34.93	11149.7	548.48
Cinderella Josephine 34500	A	260	Feb	1049.1	4.89	51.30	11426.5	540.45
Glen Rose of Haddon 35749	A	366	Feb	305.8	5.03	15.38	14143.7	613.58
Glenwood Boy's Buttercup 38488	B	212	Feb	737.3	4.49	33.10	7330.0	318.83
Goldie of Linwood 43779	E	364	Feb	401.0	5.75	23.06		
		365	Mar	13.2	5.75	.76	9070.8	424.43
Goldie of Mound City 44810	E	196	Feb	580.7	4.96	28.80	5115.0	236.15
Lady of Mound City 43094	E	366	Feb	65.5	5.70	3.73	6886.0	312.99
Lily of Mound City 44809	D	63	Feb	952.4	4.98	47.43	2101.6	115.12
Mabel Olive 33963	A	75	Dec	1860.4	5.16	96.00		
		106	Jan	1655.6	4.95	81.95		
		134	Feb	1280.9	5.33	68.27	7526.6	393.49

WILLIAMS, D. L., WAUKESHA, WIS.

Canary of Daisydale 3d 26992	A	117	Feb	779.0	4.50	35.06	4054.2	175.28
Canary of Daisydale 5th 26997	A	120	Feb	1106.3	4.58	50.67	5302.7	242.10
Canary's Daughter 41983	C	214	Feb	967.7	4.24	41.03	8033.3	322.43
Maria of Shady Gulch 39119	A	117	Feb	699.9	4.71	32.97	3450.5	155.65
Imp. Polly III. of the Russel 35469	A	177	Feb	853.0	4.91	41.88	6880.5	336.54
Wern's Polly 51020	G	304	Feb	559.2	4.78	26.73	8283.5	361.84

WILLIAMS, JOHN H., WAUKESHA, WIS.

Eagle Flossie 18122	A	243	Feb	837.3	4.46	37.34	9154.8	406.51
Imp. Lady Susan III. of the Bordages 35465	A	287	Feb	515.6	5.70	29.39	8455.5	425.41
Park's Gypsy Maid 48583	G	366	Feb	349.5	5.32	18.59	10216.8	473.91
Park's Queen Judith 57655	G	50	Feb	867.7	4.43	38.44	1478.4	66.84
Rhea's Park Dawn 34761	A	51	Feb	1213.4	4.20	50.96	2145.5	93.74

WINSTON, J. O., SAUGERTIES, N. Y.

Bonny Vale's Itchen May Rose 53721	G	240	Mar	523.2	6.40	33.48	5274.2	292.98
Gayhead's Mary 55510	G	273	Mar	723.8	4.83	34.96	6586.3	302.77
Golden Lenore 24811	A	161	Mar	926.6	5.66	52.45	6380.6	329.08
May of Onisquethaw 29293	A	177	Mar	546.4	5.34	29.18	5010.3	253.26
Princess May Rose 58906	G	67	Feb	692.2	7.10	49.15		
		98	Mar	723.3	5.97	43.18	2623.2	153.32
Imp. Tregonning Dairymaid 59722	G	272	Mar	547.7	5.20	28.48	6165.5	271.94

WRIGHT, T. J., MAUSTON, WIS. 1 day test

Bobina 45083	F	56	Jan	1200.4	5.51	66.14		
		84	Feb	1007.1	4.77	48.04	3098.5	164.70
Imp. Busy Bee of Sarnia 50483	A	134	Jan	673.4	6.60	44.44		
		162	Feb	616.6	6.01	37.06	3540.1	222.02
Dolly of Hickory Grove 65325	A	283	Jan	804.8	5.15	41.45		
		311	Feb	732.6	5.39	39.49	9652.2	483.74
Hickory Grove's Glennie 58077	G	57	Jan	683.9	4.23	28.93		
		85	Feb	613.1	3.91	23.97	1799.4	76.91
Hickory Grove's Jewel 58079	G	4	Dec	81.4	5.03	4.09		
		35	Jan	863.8	5.03	43.45		
		63	Feb	804.4	4.07	32.74	1749.6	80.28
Hickory Grove's Ruby 58078	G	62	Jan	644.8	4.85	31.27		
		90	Feb	566.0	5.10	28.87	1826.8	88.66
Lindina's Lily 36789	A	131	Jan	745.0	5.35	39.86		
		159	Feb	622.6	4.93	30.69	2916.5	200.45
Lulu of Hickory Grove 50887	G	366	Nov	122.0	5.42	6.61	8206.7	401.21

Winke, Glen Johnson and Louie Wickern to serve for two years; Clifford Capener, George Hengseler and Carl Wickern for three years.

The temporary president and secretary were made permanent; R. F. Klemm was elected vice president and Pierce Martiny was chosen as treasurer.

The association plans to hold a summer meeting at Devils Lake, one of the prettiest places in the state. A notice of the time and place of the summer meeting will be published in THE GUERNSEY BREEDERS' JOURNAL. You will hear more from this association later.

—CLIFFORD CAPENER, Secretary

Guernseys Strong in Langlade County

The following taken from Hoard's Dairyman shows the Guernsey in greater demand in Langlade County than are other dairy breeds.

"There have been brought into Langlade County since January 1, 1917, a pure bred Holstein sire from a dam with better than a twenty pounds seven day record of butter fat as a three year old, a Guernsey with a 450 pounds fat yearly record dam; another Guernsey from a dam with good milk and 653 pounds of fat, ordered; and a Jersey with better than a 600 pound fat dam. A Guernsey with a good record dam and excellent backing on both sides has been transferred from one part of the county to another. Four more Guernsey sires of good breeding have been sold to farmers who previously have used only grades or scrubs. Also, a high class Jersey has been bought in from Lincoln county. Here are two inquiries for pure bred sires from farmers in the county waiting to be filled. The ball's just nicely started rolling. This fight against the scrub is to the finish."

—F. G. SWOBODA

A. J. Phillips, Pioneer Guernsey Breeder, Dead

A. J. Phillips of Wisconsin is dead. He lived to the ripe old age of eighty-three years. He came to Wisconsin in 1849 and engaged himself in those early days in general agriculture. Later he specialized in horticulture and dairying. He became prominently known as a dairyman and breeder when he developed the high producing Guernsey cow, Queen Vashti 6051 He purchased this cow when two years old for $125, and after keeping her for ten years sold her in 1891 for $300. He wrote a

WASTELAND FARM
GUERNSEYS
FOR SALE

Don El Toro of Linda Vista 23567

SIRE—Jethro's May King of Linda Vista 14591
DAM—Comely Rose 17292 A. R.

A fine individual and sure sire. His daughters have great skin color, perfect udders and good teats.

Have recently purchased a young bull to avoid inbreeding, reason for selling.

M. M. Hollingsworth, Landenberg, Pa.

SUBURBAN FARM

...Guernseys For Sale...

Lady Kelso's Robert's Boy—Born July 4, 1913 { Sire—Imp. Roberts Boy; Dam—Imp. Lady Kelso III. A. R. 483 lbs. fat

Fair Lady's Gayhead Born Aug. 2, 1913. { Sire—Chief Chingackgook; Dam—Fair Lady of Gayhead; Now on A. R. test

Masher's Chilwick of Suburban Farm—Born Feb. 26, 1916. { Sire—Caligula; Dam—Sunshine of Follyland; Now on A. R. test

ALSO A FEW BULL CALVES
And Young Cows with A. R. records or out of A. R. Cows

PRICES REASONABLE

JAMES H. SEAMAN
GLENS FALLS, N. Y.

book and entitled it Queen Vashti 6051, for his story was built around this splendid cow, and her contributions to the Guernsey breed. Mr. Phillips bred other classes of farm animals to some extent but he made his mark with Guernseys.

In his long and useful life he preached the gospel of a better agriculture. For many years he did institute work, and he was known to many farmers for the earnest plea he made for them to grow enough fruit for their own use and the necessity of keeping a good dairy herd. His earnestness and sincerity of purpose carried a conviction which made him one of the strong agricultural lecturers in the state.

—Hoard's Dairyman

ZEHNDER, CHARLES H., ALLENHURST, N. J.

Mollie Z. of Middlebrook 55551	G	7 Jan	205.8	4.58	9.43		
		35 Feb	915.1	4.58	41.91	1120.9	51.34
Pandora of Middlebrook 46333	E	352 Feb	301.8	6.82	20.58		
		365 Mar	129.9	7.21	9.37	6002.2	345.22
Rosalie of Middlebrook 52243	G	181 Feb	408.7	5.70	23.30	2863.0	152.21
Vesta of Middlebrook 47725	E	198 Feb	422.2	5.95	25.12	3673.0	192.45

MERITORIOUS GRADE GUERNSEYS

BAILEY FALLS FARM, OGLESBY, ILL.

Dorothy (Grade)	C	28 Feb	1348.8	3.56	48.02		
Nora (Grade)	G	179 Feb	826.9	3.91	32.33	5403.7	198.22
Spot (Grade)	G	169 Feb	1228.8	3.93	48.29	7354.9	277.72

HOPPERT, C. & SONS, SHEBOYGAN, WIS.

Lillian (Grade)	A	196 Mar	965.4	3.96	38.23	7965.3	291.06

Fruit Brothers Sell Good Cows and Heifers

We recently sold to E. C. Peck, Macedonia, Ohio, owner of the Avalon Farm, the cow Mambrino's Doris 33959 A. R. also a heifer sired by May King's Vrangue of Ingleside 15430. He was first prize bull at National Dairy Show 1910 and his first ten heifers to finish Advanced Register tests promise to average 575 pounds of fat. The dam of the heifer calf is Lillian of Maple Hill Farm 55008, a granddaughter of Imp. King of the May 9001. She is now ln test and we expect her to make 600 pounds of fat in class G. Her dam is Lillian May Bishop 31575 A. R., a half sister to Mambrino's Doris 33959.

Mambrino's Doris 33959 has just finished her second record of 690 pounds of fat. Mr. Peck expects to reenter this cow and we think under the skillful care of Mr. Brainard, superintendent of Avalon Farm, that she will make a much larger record. The sire of Mambrino's Doris 33959 is Mambrino 10085 which had only four registered daughters and three of these have been tested for the Advznced Register with good records. We might add that we have sold two of these Advanced Register daughters for $3000 and the other Advanced Register daughter, Lillian May Bishop 31575 will be sold in the Waukesha Guernsey Sale that will be held in connection with the annual summer meeting of the Waukesha County Guernsey Breeders' Association June 6 and 7.

—Fruit Brothers

Elderwood Farm Sells Foundation Stock to Maryland

H. T. Newcomb, Bethesda, Maryland, recently purchased of Elderwood Farm, Eagle, Wisconsin, the following pure bred Guernseys for his foundation herd.

Imp. Sarky of St. Croix 46671 A. R., Imp. Tulip of St. Croix 46688 A. R., Imp. Cosette of St. Croix 46677 A. R., Midget of Elderwood 46075 A. R., Hussey of Elderwood 41611 A. R., Glenwood Girl of Elderwood 44242 A. R., Vienette 39249 A. R., Imp. Maggie of St. Croix 46686 A. R., Imp. Pulias Beauty 31916 A. R., Chautauqua Girl of Elderwood 61566 and Princeling's Princess of Elderwood 57378.

This will make for Mr. Newcomb the largest pure bred herd in Montgomery County, Maryland and from the high class individuals that he bought, we may feel sure we will hear from his herd in the future.

—Roy Burton

Langwater Charity 38605 Starts Another Record

It perhaps will be of interest to the people that attended the Langwater sale, to know that Langwater Charity 38605, dropped us a splendid large heifer calf, February 25. This calf was sired by Langwater Warrior 26509 and will be named Lone Pine Charity. Langwater Charity 38605 will now be bred to Langwater Hayes Rosie's King of the May 16723, our herd sire, one of the sons of Imp. King of the May 9001.

Langwater Charity 38605 has been a continual winner in the show ring, and we have every reason to believe she will exceed by a large margin her Advanced Register record just completed in class C. She has been entered on retest, is giving sixty pounds of milk daily and we expect her to give a much larger flow of milk when she is on full feed.

—Edw. Freese, Mgr.,
Lone Pine Farm

General

"A Silo on Every Farm"

Some months ago a vigorous movement was started in the fruit district of Western New York with the slogan, "A Silo on Every Farm." Wide-a-wake fruit farmers had found that dairying filled a unique and profitable place in their farming system. And, modern dairying is scarcely possible without the silo.

But when one considers that less than one-third of the farmers of Wisconsin, a famous dairy state, have the advantages of a silo, one is ready to acknowledge that this worthy movement deserves to spread over the entire country.

If "Corn is king", then the silo is the king's "Treasure Tower". For there can be no question that the way to get the most profit from the corn crop is to make it into silage. Investigation has shown that an acre of corn made into good silage has about 40 per cent. greater feeding value than when fed as crib corn and dry fodder.

Besides this big main saving there are many other advantages to be gained from a good silo. Cows need succulent feed during the winter months and silage furnishes it in convenient, economical form. Not only is silage indispensable in the dairy but fattening steers and lambs make faster and cheaper gains when silage is made a part of the ration.

Building costs are rising year by year, and here again the silo effects a big saving. A ton of hay requires at least 400 cubic feet when stored in the barn; a ton of silage only 50 cubic feet. A silo makes it possible to get along with smaller barns. This means less interest and depreciation charges on expensive buildings, fewer repairs, and less insurance.

Look at in any way you will the silo pays, and most farmers now admit that it does. There is a further urgent reason for erecting a silo this season—the prices of all feeds are unusually high and the saving with silage is consequently greater than ever before. Wide-a-wake bankers now recognize the silo as a wise investment and will gladly lend the necessary funds when needed— especially if the silo is to be of modern fireproof construction.

Having decided to build a silo the question at once arises: What kind of a silo? There are several types available and in selecting the right kind, economy, permanency, fireproof construction and attractiveness are leading considerations.

Yes, join the "Silo on Every Farm" movement. It's a big step towards better-paying farming. And while you are about it build a silo that will last a lifetime and pass to your children unimpaired?

New Book on Feeding

We are in receipt of a copy of a new book on feeding, entitled "Feeding of Animals." W. H. Jordan, Director of the New York Agricultural Experiment Station, Geneva, New York, is the author. It is edited by L. H. Bailey and published by The Macmillan Company, 66 Fifth Avenue, New York, and can be secured from that company for $1.75.

The book is a complete work on the subject of feeding. Unlike most of its kind, it is divided into two parts, one The Principles of Feeding and the other The Practice of Feeds ing. It is well illustrated, contain-465 pages and a very good table of contents and index. Our readers would do well to secure a copy and study it.

A Simple Milk Record Cabinet.

Keeping milk record sheets clean of fly specks and finger marks is a continual source of worry to all who keep milk records and bothered Bohnett Bros. of Santa Clara county till they devised a record sheet cabinet. This cabinet is nothing more than a small board box equipped with two wooden rollers, similar to towel rollers, one end of each extending out of the side of the box so that they may be turned back and forth.

The milk sheet is rolled up on one of these, like a kodak film, and the other end fastened to the other roller. The box is equipped with a partition through the center, over which the milk sheet runs, this partition affording a solid place for marking down the figures. Except for this middle space the front of the box is enclosed with glass, which protects the sheet from dirt and at the same time makes easy reading of several days' records possible. —Pacific Rural Press

Friends

"He met her in the meadow
As the sun was sinking low;
They strolled along together
In the twilight after-glow;
Patiently she waited
As he lowered all the bars;
Her soft eyes beamed upon him,
As radient as the stars;
She neither smiled or thanked him,
Because she knew not how,
For he was but a farmer's boy,
And she a Guernsey Cow."

Foreign

Journal Appreciated on Alderney Isle

H. Marsden Peake, secretary of the Alderney Branch of the Royal Guernsey Agricultural Society, writes us as follows about the Journal:

"I am receiving the Journal regularly which is passed around to our breeders and read with much interest by all. At least, so eager are some to see it that I am frequently asked "Have you another American Journal?' "

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Yeksa's Aurelley of Breezy Hill	41315
Yeksa's Lewison of Meadowview	41567
Yeksa's Maren	41312
Yeksa's Marquett	41314
Yeksa's Sequel Buster	41175
Yellow Champion of Athens	41618
Yeoman's May King of Edgemont	41584
Yeoman's Waldorf	41582
Zelda's King of Rural Glade	41280
Zenda's Masher	41361
Zichri	41634

ADVANCED REGISTER

Name.	No.
Aurora of Sarnia 40238 (Imp.)	4955
Babette of Webb Farms 57781	4979
Beauty Star of la Mare 45962 (Imp.)	4956
Buttercup's Excelsa 54780	4954
Duke's Fairy 48390	4974
Ena of the Oaks 37672	4947
England's Queen 53926 (Imp.)	4959
Finella of the Forges 46979	4969
Gray Girl's Daughter 45841	4962
Hestia Bay 41187	4949
Jennie VII. of the Hubits 53650 (Imp.)	4968
Jessamine of the Ponchez 52788 (Imp.)	4972
Jessica of Sunnyside 26517	4943
Kitchener's Golden Idelia of Bella Vista 56865	4965
Lady Beldora of Thornliebank 49990	4976
Langwater Charity 38605	4964
Ledyard's Von Davreeda 41186	4977
Lena of the Glen 49444	4960
Lizetta 3d 41183	4948
Marietta of Maple Hill 41232	4946
May Bay 41189	4950
Mixter Germania 48392	4975
Nelly of Anna Dean Farm 2d 47592 (Imp.)	4967
Nettie of the Hubits 44181 (Imp.)	4958
Old Faithful's Sibylla 47763	4951
Orlette's Fancy Lassie 55016	4945
Polly III. of Richmond Cottage 53778 (Imp.)	4957
Polly of the Russel 33217 (Imp.)	4970
Pride's Dawn of Waddington 48112	4952
Princess Virginia 42460	4971
Quinta 61454	4942
Redina 3d 41190	4978
Rougette III. of la Croix 53770 (Imp.)	4961
Susie of Homestead 17846	4966
Thirty Thousand Six Hundred Ten 30610	4973
Triple Bay 50624	4963
Violet of Pine Ridge 57526	4944
Wagtail's Echo 54779	4953

41001 **Nero Boy**
Sire *Natoma's Valdagno* 16458. Dam *Edgewood's Beauty* 48023.
Born May 26, 1915. B. and O.: C. Hershberger & F. Schlosser, Bremen, Ind.

41002 **Harbor Hill's Linden Masher 2d**
Sire *Harbor Hill's Linden Masher* 27831. Dam *Chelly Glenwood Linden of Harbor Hill* 54199.
Born April 6, 1915. B. and O.: Clarence H. Mackay, Roslyn, N. Y.

41003 **Sunbeam Shamrock**
Sire *Linden Masher of Harbor Hill* 30771. Dam *Sunshine of the Glen* 29553.
Born Aug. 5, 1916. B. and O.: Benjamin Stern, Roslyn, N. Y.

41004 **Nassau Shamrock**
Sire *Harbor Hill's Linden Masher* 27831. Dam *Rosalie of Edge Moor* 28002.
Born Aug. 8, 1916. B.: Ralph Pulitzer, Manhasset, N. Y. O.: Benjamin Stern, Roslyn, N. Y.

41005 **Dairyman of Vygeberg**
Sire *Duncan of Vygeberg* 25928. Dam *Lady Dairymaid of Pinehurst 2d* 39188.
Born May 14, 1916. B. and O.: Edward D. Page, Oakland, N. J.

41006 **Scotsman of Vygeberg**
Sire *Alphea's Emperor of Vygeberg* 34962. Dam *Eve Adam of Vygeberg* 52232.
Born May 19, 1916. B. and O.: Edward D. Page, Oakland, N. J.

41007 **Kitchener of Vygeberg**
Sire *Alphea's Emperor of Vygeberg* 34962. Dam *Beulah of Pittsgrove 2d* 26042.
Born June 28, 1916. B. and O.: Edward D. Page, Oakland, N. J.

41008 **Goodhue's King**
Sire *King Nobska* 25349. Dam *Hulda of Snowdoun* 14058.
Born Aug. 2, 1916. B. and O.: J. W. Budderman, Roberts, Wis.

41009 **Sprague's Boy**
Sire *College Heirloom* 21171. Dam *Rose of Highland* 43464.
Born Sept. 1, 1916. B. and O.: Charles H. Berry, Monmouth, Maine.

41010 **Prince of Waldwic**
Sire *Imp. Prince of Sarnia* 22000. Dam *Imp. Victoria of Sarnia* 40675.
Born May 2, 1916. B. and O.: Edgar P. Sawyer, Oshkosh, Wis.

41011 **Robert of Waldwic**
Sire *Dombey of Sarnia* 28121. Dam *May of Waldwic* 48162.
Born July 13, 1916. B. and O.: Edgar P. Sawyer, Oshkosh, Wis.

41012 **Joe of Waldwic**
Sire *Dombey of Sarnia* 28121. Dam *Imp. Appia of Sarnia* 40218.
Born Aug. 12, 1916. B. and O.: Edgar P. Sawyer, Oshkosh, Wis.

41013 **Flash of Waldwic**
Sire *Dombey of Sarnia* 28121. Dam *Imp. Marion of Waldwic* 46660.
Born Aug. 15, 1916. B. and O.: Edgar P. Sawyer, Oshkosh, Wis.

41014 **Snowdoun of Prospect**
Sire *Sir Snowdoun* 19252. Dam *Happy Prospect* 38167.
Born Oct. 2, 1916. B. and O.: W. D. Hoard, Fort Atkinson, Wis.

41015 **Daisy's Duke of Riverdale**
Sire *Snyder of Willowdale* 17788. Dam *Marie's Daisy* 34499.
Born Oct. 3, 1916. B. and O.: Hugh McIlraith, Medford, Wis.

41016 **Noanette's B. G.**
Sire *B. G. of Edgewater* 22031. Dam *Fillmore's Noanette* 40979.
Born March 8, 1916. B. and O.: Charles H. Jones, Wellesley Farms, Mass.

41017 **Lassie's Prince**
Sire *Sequel's Santa* 29333. Dam *Sequel's Lassie* 51438.
Born April 30, 1916. B. and O.: Albert Halvorson, Rice Lake, Wis.

41018 **Dodge**
Sire *Sequel's Santa* 29333. Dam *Sequel H.'s Beauty* 51851.
Born May 11, 1916. B. and O.: Albert Halvorson, Rice Lake, Wis.

41019 **Woodlands Middlesex**
Sire *Woodlands King Masher* 31697. Dam *Imp. Stanstead Bob 9th* 53961.
Born Aug. 14, 1916. B. and O.: Felix M. Warburg, White Plains, N. Y.

41020 **First Edition of Kiluna Farm**
Sire *Langwater Jeweler* 35407. Dam *Lolita of Hurley-hurst* 55223.
Born Oct. 25, 1916. B. and O.: Ralph Pulitzer, Manhasset, N. Y.

41021 **May Duke of the Meadows**
Sire *Achilles of Girdle Ridge* 24414. Dam *Duchess of Berkshire* 42322.
Born May 6, 1916. B. and O.: James W. Bullock, Williamstown, Mass.

41022 **Devon's King of Meadow Brook**
Sire *Achilles of Girdle Ridge* 24414. Dam *Imp. Duchess of Devon* 28711.
Born May 8, 1916. B. and O.: James W. Bullock, Williamstown, Mass.

41023 **Neal of Birchwood**
Sire *Dairymaid's King* 12898. Dam *Dawn of Birchwood* 21245.
Born May 15, 1916. B. and O.: M. L. Welles, Rosendale, Wis.

41024 **Maplelawn George**
Sire *Imp. Sequel's Treasure Trove* 30722. Dam *Imp. Victime of Maplelawn* 48076.
Born May 4, 1916. B. and O.: F. B. Rundell & R. Nicholson, Livingston, Wis.

41025 **James of Maplelawn**
Sire *Imp. Sequel's Treasure Trove* 30722. Dam *Imp. Violet of the Clôture* 53762.
Born May 21, 1916. B.: F. B. Rundell, Livingston, Wis. O.: F. B. Rundell & R. Nicholson, Livingston, Wis.

41026 **Hope of Hurley-hurst**
Sire *Ormonde of Bide a Wee* 20372. Dam *Mertie C. 2d* 47793.
Born March 14, 1916. B. and O.: William W. Hurley, New Hope, Pa.

41027 **Myrtle's King James of Maple Grove**
Sire *King James of Wasteland* 25382. Dam *Myrtle of Maple Grove* 41259.
Born Jan. 25, 1916. B. and O.: C. A. Freshcorn, Zelienople, Pa.

41028 **Imp. Jane's King of Hilltop**
Sire *Rose King* (2843 E. G. H. B.) Dam *Imp. Durrington Jane* 65695.
Born July 5, 1916. Imp. in dam. B.: W. H. N. Goschen, England. O.: George M. Hendee, Suffield, Conn.

41029 **Imp. Rydale of Hilltop**
Sire *Imp. Rydale of the Douit* 39132. Dam *Imp. Rouault's Bijou III.* 65725.
Born Sept. 2, 1916. Imp. in dam. B.: Charles Kitts, Island of Guernsey. O.: George M. Hendee, Suffield, Conn.

41030 **Prince Valdemar**
Sire *Butt-In* 22129. Dam *Lady Valdemar* 36877.
Born Dec. 1, 1915. B. and O.: Joseph A. Hasslinger, Hartland, Wis.

41031 **Paris Mar**
Sire *Fernleaf's Mar* 22142. Dam *Lady Nellie of Paris* 65833.
Born Sept. 9, 1916. B.: Alfred King, Portland, Maine. O.: William Batchelder, Sanford, Maine.

41032 **Penelope's Bloom**
Sire *Dimple Bloom 10th* 27334. Dam *Penelope of the Glen 2d* 45125.
Born Aug. 17, 1916. B. and O.: W. A. Barnes, Brinkhaven, Ohio.

41033 **J. E. M. Hambro**
Sire *Belle T.'s Hambro* 29114. Dam *Dominion's Estelle* 26370.
Born March 19, 1916. B. and O.: J. E. Mack, Fort Atkinson, Wis.

41034 **Raymond of Westwood**
Sire *Imp. Raymond's Prince* 27630. Dam *Louise of Westwood* 49632.
Born June 9, 1916. B. and O.: W. J. & C. G. Morton, Springville, N. Y.

41035 **Mogul**
Sire *Rita's Billy France* 22273. Dam *Lady Eloneta* 52986.
Born March 26, 1916. B. and O.: R. A. Feile, Kiel, Wis.

41036 **Sir Ledyard of Sunshine**
Sire *Enola's Ledyard Bay* 26935. Dam *Belle Berley of La Grange* 56839.
Born May 13, 1916. B. and O.: Mark M. Robinson, Portsmouth, Va.

41037 **Auric of Rockledge**
Sire *Prince Auric* 19196. Dam *Rebecca of Rockledge* 32116.
Born June 20, 1914. B. and O.: Helen I. Smith, Plattsburg, N. Y.

41038 **Duke of Maplelawn Farm**
Sire *Ringard* 26343. Dam *Lilac of Roselawn* 43971.
Born May 15, 1916. B. and O.: Edward F. Lambert, Taylor, Wis.

41039 **Joy of Roselawn**
Sire *Ringard* 26343. Dam *Rosie of Taylor* 34455.
Born May 27, 1916. B. and O.: Edward F. Lambert, Taylor, Wis.

41040 **Imp. Deodar's Prince Chap**
Sire *Reliance of Morland* (2835 E. G. H. B.) Dam *Imp. Morland Deodar* 65693.
Born Aug. 10, 1916. Imp. in dam. B.: G. F. Ferrand, England. O.: Sadie Carr Abeel, Shelter Island, N. Y.

41041 **Boss of Koshkonong Place**
Sire *Giltedge of Koshkonong Place* 21989. Dam *Bossie of Koshkonong Place 2d* 38716.
Born Sept. 20, 1916. B. and O.: A. R. Hoard, Fort Atkinson, Wis.

41042 **Mike of Koshkonong Place**
Sire *Giltedge of Koshkonong Place* 21989. Dam *Marcia of Koshkonong Place* 36093.
Born Oct. 2, 1916. B. and O.: A. R. Hoard, Fort Atkinson, Wis.

41043 **Mac of Koshkonong Place**
Sire *Giltedge of Koshkonong Place* 21989. Dam *Quiz of Koshkonong Place* 24510.
Born Oct. 18, 1916. B. and O.: A. R. Hoard, Fort Atkinson, Wis.

41044 **Bonnie Belle's Prince**
Sire *Prince of Sulphur Springs* 25379. Dam *Bonnie Belle of Clover Lea* 46193.
Born May 6, 1916. B. and O.: Otis A. Marken, Valders, Wis.

41045 **Celeste's Fascinator**
Sire *Governor of Stanford* 18688. Dam *Celeste of Sunny Slope* 54283.
Born July 10, 1916. B. and O.: George A. Bowman, Stanfordville, N. Y.

41046 **Livonia's Millionaire 2d**
Sire *Livonia's Millionaire* 18298. Dam *Bessie of Daremore* 31534.
Born Dec. 3, 1915. B. and O.: Fred A. Lindsay, East Barnet, Vt.

41047 **Highland Admiral**
Sire *Pinecrest Golden May Rose King* 30872. Dam *Highland Ishta* 51745.
Born June 30, 1916. B. and O.: Wilbur Hazard, Saunderstown, R. I.

41048 **Alpha Lad of Echo Bay**
Sire *Imp. Governor's Whimsome* 26189. Dam *Imp. McKerrow's Sequel Governess* 51858.
Born July 3, 1916. B.: George McKerrow & Sons Co., Pewaukee, Wis. O.: R. P. Guptill, Elcho, Wis.

41049 **Adventurer of Echo Bay**
Sire *Frederick Elder of Elderwood* 32865. Dam *Imp. Lizzy of St. Croix* 46682.
Born Aug. 20, 1916. B. and O.: R. P. Guptill, Elcho, Wis.

41050 **Timmins Surprise**
Sire *Dean of the May* 21815. Dam *Mixter Georgia* 48410.
Born Oct. 15, 1916. B.: Est. George Mixter, Hardwick, Mass. O.: George H. Timmins, Ware, Mass.

41051 **Beatrice's Boy of Lincoln**
Sire *Dairymaid's Harvester of Iowa* 27564. Dam *Imp. Raymond's Princess Beatrice* 38406.
Born Aug. 8, 1915. B.: E. A. Boswell, Beatrice, Nebr. O.: University of Nebraska, Lincoln, Nebr.

41052 **King of Cobblestone Hill**
Sire *Dolly's Suburban Boy* 24535. Dam *Smead's Pet* 31578.
Born May 15, 1916. B. and O.: Joseph Waugh, Watkins, N. Y.

41053 **Major of Le Bocage**
Sire *Robin Hood of Lone Oak* 21522. Dam *Miss Pomona* 26885.
Born Aug. 15, 1916. B. and O.: Jerry Shetler, Bolivar, Ohio.

41054 **Billy Sunday of Princess**
Sire *Glencoe's Son* 18809. Dam *Princess Fairport* 24674.
Born May 17, 1916. B. and O.: John Mack, New Ulm, Minn.

41055 **Moss Raider's Knight**
Sire *Imp. Moss Raider* 22155. Dam *Imp. Violet of the Grée VI.* 39669.
Born Aug. 6, 1916. B. and O.: C. F. Holmes, Kansas City, Mo.

41056 **Glenwood Lad of Overland**
Sire *Masher's Sequel of Barrymoor* 23996. Dam *Hildegard of West Lawn 2d* 31431.
Born Oct. 11, 1916. B.: Est. T. C. Bradley, Parkville, Mo. O.: C. F. Holmes, Kansas City, Mo.

41057 **Inspector's Rose King**
Sire *Inspector of Indian Bridge* 35150. Dam *May Rose Noblesse* 46023.
Born Sept. 14, 1916. B. and O.: Martin A. Brown, Wilmington, Vt.

41058 **Colonel L. of Edgemere**
Sire *May Rose Secret of Pencoyd* 27844. Dam *Miss L. of Edgewater* 51424.
Born March 1, 1916. B.: F. G. Benham, Canandaigua, N. Y. O.: W. Pitt Parker, Moravia, N. Y.

41059 **Homer of Elm Farm**
Sire *King of Elm Farm* 26083. Dam *Gem's Victoria* 13421.
Born March 14, 1916. B. and O.: John P. Rowe, Rochester, N. H.

41060 **King of Balgreen**
Sire *Glen Auric of Pinehurst* 13175. Dam *Personator* 34019.
Born Aug. 14, 1916. B.: G. B. Helmuth, Millersburg, Ohio. O.: J. A. Rigby, Mansfield, Ohio.

41061 **Hilda's Frisky Mascot**
Sire *Emigrant Lad* 21671. Dam *Auricula's Hilda* 41540.
Born Sept. 22, 1916. B. and O.: J. A. & J. T. Richey, Boring, Oregon.

41062 **Cena's Jumbo of Elk Meadow**
Sire *Estaba's Major* 26900. Dam *Imp. Cena of Sarnia* 50492.
Born June 20, 1916. B. and O.: John F. Stallman, Elk Mound, Wis.

41063 **Governor of Cottage Hill**
Sire *Camp's Governor of Keewaydin* 27505. Dam *Ella of Cottage Hill 2d* 41380.
Born July 24, 1916. B. and O.: D. R. Hanna, Ravenna, Ohio.

41064 **Donnington Sequel of Pine Mead**
Sire *Donnington Sequel of Chestnut Hill* 31617. Dam *Yeksa's Catherine of Willowcrest* 51233.
Born March 30, 1916. B. and O.: Curtis & Hartsock, Cardington, Ohio.

41065 **Spot of Maple Bay**
Sire *Duke of Maple Bay* 29175. Dam *Dolly Spot* 46876.
Born May 1, 1916. B. and O.: John W. Flett, Duncan's Station, B. C.

41066 **Jackrover of Hickory Grove**
Sire *Lady's Increase of Breeze Hill* 27735. Dam *Florence Lehigh* 45488.
Born May 10, 1916. B. and O.: Henry Winke, Portage, Wis.

41067 **Trixy's Bonny Son**
Sire *Southampton of Ingleside* 12220. Dam *Bonny's Trixy* 40573.
Born May 12, 1916. B. and O.: Christian Tretsven, Luck, Wis.

41068 **Florena's Lord Osterhout**
Sire *Lord Osterhout* 24259. Dam *Florena of Northport* 38349.
Born Jan. 1, 1915. B. and O.: Charles E. Braman & Son, Northport, Mich.

41069 **Sir Climax**
Sire *Imp. Cornwallis* 25789. Dam *Lady Mignon* 31155.
Born July 19, 1916. B. and O.: George L. Reed, Craftsbury, Vt.

41070 **Hopeful Halcyon**
Sire *Golden Noble's Aldatus* 30976. Dam *Hopeful Lady* 48834.
Born March 6, 1916. B. and O.: Michigan Agricultural College, East Lansing, Mich.

41071 **Charmante's Sunflower**
Sire *Charmante's Prince* 24531. Dam *Lady Delaware's Kansas Babe* 52129.
Born May 13, 1916. B. and O.: Albert C. Larson, Galva, Kansas.

41072 **Poet of Diedrich Farm**
Sire *Kaiser of Birchwood* 27541. Dam *Princess Patricia of Fulton 4th* 30030.
Born June 16, 1916. B. and O.: A. C. Diedrich, Rush Lake, Wis.

41073 **Wallbridge Chêne**
Sire *Wallbridge* 27987. Dam *Mary Glover* 54456.
Born May 28, 1916. B. and O.: Gardner C. Leonard, Altamont, N. Y.

41074 **Iowanola Queen's Glenwood**
Sire *Lilly's Prince Glenwood* 33740. Dam *Iowanola Queen* 43325.
Born Aug. 24, 1916. B. and O.: F. B. Holmes, West Liberty, Iowa.

41075 **Harold Boy of Elmwood**
Sire *Gladys's Boy* 26891. Dam *Lolita of Hillstead* 41866.
Born Aug. 8, 1916. B. and O.: C. N. Dodge, Hartford, Conn.

41076 **Chief Robert of Bern**
Sire *Bern's McQueen Primana* 22272. Dam *Lindo's Dairymaid of Oakdale* 34414.
Born April 19, 1916. B. and O.: O. O. Larsen, Detroit, Minn.

41077 **Major Rilma's Perfection**
Sire *Major Rilma* 18791. Dam *Elm Road Maggie* 52181.
Born Sept. 8, 1916. B.: C. E. Tobey, Phillips, Wis. O.: William O. Neldner, Lewiston, Minn.

41078 **Wil-Holm Duke**
Sire *Goldelsie's Prince* 33092. Dam *Matilda's Dorothy J.* 60508.
Born Aug. 15, 1916. B. and O.: Roberts A. Holmes, Grand Rapids, Mich.

41079 **Ajax of Spring Meadow**
Sire *Bijou's Teddy of Pleasant View* 30409. Dam *Countess Lou of Spring Meadow Farm* 32302.
Born April 27, 1916. B. and O.: Lewis H. McGrath, Chilton, Wis.

41080 **Unicorn of Spring Meadow**
Sire *Bijou's Teddy of Pleasant View* 30409. Dam *Daisy's Lady* 22204.
Born May 2, 1916. B. and O.: Lewis H. McGrath, Chilton, Wis.

41081 **May King's Best of Bedminster**
Sire *May King of Bedminster* 34407. Dam *Imp. Glory of the Hougue du Pommier* 50256.
Born Oct. 4, 1915. B. and O.: James A. Larocque, Far Hills, N. J.

41082 **Duke's King of Fieldmore**
Sire *Duke of Maple Farm* 21086. Dam *Imp. Alderney's Lady of Sunnyside* 43575.
Born April 27, 1916. B. and O.: E. H. Campbell & Son, Salem, Ohio.

41083 **Lad Yeksa Q.**
Sire *Elaine's Yeksa* 28864. Dam *Florence Yeksa Q.* 27999.
Born May 9, 1916. B. and O.: W. B. Quarton, Algona, Iowa.

41084 **Noble Yeksa Q.**
Sire *Elaine's Yeksa* 28864. Dam *Beauty Yeksa Q.* 38998.
Born May 13, 1916. B. and O.: W. B. Quarton, Algona, Iowa.

41085 **Banjo Yeksa Q.**
Sire *Elaine's Yeksa* 28864. Dam *Raynold's France 2d* 49947.
Born May 23, 1916. B. and O.: W. B. Quarton, Algona, Iowa.

41086 **Melrose King**
Sire *May Rose Squire of Medfield* 17743. Dam *Constance of Plainfield* 24873.
Born Sept. 10, 1916. B. and O.: E. H. Moore, Kendal Green, Mass.

41087 **Reggie of Edgewood**
Sire *Robin Hood of Lone Pine* 23218. Dam *Imp. Merton Butter Maid 4th* 21123.
Born Sept. 17, 1914. B. and O.: F. S. Pearson, Great Barrington, Mass.

41088 **Robin Hood of Edgewood**
Sire *Robin Hood of Lone Pine* 23218. Dam *Inez of Edgewood* 31752.
Born Nov. 20, 1915. B.: F. S. Pearson, Great Barrington, Mass. O.: Est. F. S. Pearson, Great Barrington, Mass.

41089 **Marechal's Lady's Prince Albert**
Sire *Fairfield Prince* 22502. Dam *Marechal's Lady* 35997.
Born April 2, 1915. B. and O.: C. E. Stockwell, Lockwood, Ohio.

41090 **Famous Sequel**
Sire *Chedda's Sequel* 21942. Dam *Imp. Fanny of Waddington* 30741.
Born March 5, 1916. B. and O.: W. S. McBane, East Liverpool, Ohio.

41091 **Bess's Cuyler Boy**
Sire *Dolly's Roy of Tarbell Farms* 20202. Dam *Bess of the Otselic* 51276.
Born March 18, 1916. B.: Clayton Dutton, South Otselic, N. Y. O.: B. E. Corey, Cuyler, N. Y.

41092 **Dolly's Nonpareil**
Sire *Dairymaid's Nonpareil of Iowa* 26763. Dam *Dolly's Pride* 45170.
Born April 2, 1916. B. and O.: Charles M. Anderson, Waterloo, Iowa.

41093 **Oriole of Star View Farm**
Sire *Cardinal of Paxtang* 25215. Dam *Grace of Centre Grove* 34520.
Born March 25, 1916. B. and O.: Delmar Sharretts, Berwick, Pa.

41094 **Pride of Marsh**
Sire *Pride of Day's Pride* 20762. Dam *Brier Rose 4th* 19468.
Born March 6, 1916. B. and O.: L. L. Marsh, Marshville, N. C.

41095 **Day's Jerry**
Sire *Pride of Day's Pride* 20762. Dam *May Golden* 39178.
Born May 10, 1916. B. and O.: L. L. Marsh, Marshville, N. C.

41096 **King Masher's Charmer**
Sire *Brookmead's King Masher* 31888. Dam *Fanny Charmer* 45756.
Born Aug. 25, 1916. B. and O.: Oscar Bolich, McKeansburg, Pa.

41097 **Justice Billy Boy**
Sire *Justice May King* 23466. Dam *De Ette* 19385.
Born April 22, 1916. B. and O.: J. A. Morner, Prentice, Wis.

41098 **Sequel Royalist of Graham's Dale**
Sire *Imp. Sylph's Sequel II.* 31081. Dam *Lady Jane of Graham's Dale* 36862.
Born May 31, 1916. B. and O.: W. R. & Robert H. Graham, Roberts, Wis.

41099 **Winda's Granger**
Sire *King of the Grange* 26367. Dam *Duchess Winda* 43268.
Born Aug. 27, 1916. B. and O.: A. M. Berridge, Greenville, Mich.

41100 **Bay End Duke**
Sire *Mixter Duke of Athol* 35613. Dam *Thirty Thousand Six Hundred Eighty Four* 30684.
Born July 21, 1916. B. and O.: H. W. Huff, Athol, Mass.

41101 **Togo of Eastside**
Sire *Tom Rilma's Son of Oakdale* 30831. Dam *Camilla of Eastside* 53105.
Born May 7, 1916. B. and O.: Albert A. Bird, Cattaraugus, N. Y.

41102 **Langwater Royal 18th**
Sire *Langwater Royal* 14253. Dam *Alphea of Pinehurst 3d* 35069.
Born May 5, 1916. B. and O.: M. T. Phillips, Pomeroy, Pa.

41103 **Primal's Sequel**
Sire *Primal Hyacinth* 25774. Dam *Imp. Queen Rose of Pine Grove* 47176.
Born April 14, 1915. B. and O.: R. H. Dutton, Colmar, Pa.

41104 **Jeweller's General Grant of Willowmere**
Sire *Glenwood's Jeweller of Hollywood* 14486. Dam *Lady Berkeley* 26925.
Born July 1, 1914. B. and O.: B. F. Salsbury, Fairfax, Va.

41105 **Glenwood Sir Galahad of Willowmere**
Sire *Jeweller's General Grant of Willowmere* 41104. Dam *Miss Virginia* 26826.
Born May 13, 1916. B. and O.: B. F. Salsbury, Fairfax, Va.

41106 **Cosy Anchor's Sequel**
Sire *Sequel of Highway* 20553. Dam *Cosy Anchor* 21731.
Born Sept. 23, 1916. B. and O.: John W. Little, Hanover, Pa.

41107 **Clara's Sequel of Lancaster**
Sire *May Rose Sequel* 23638. Dam *Clara of Highway* 29626.
Born Sept. 28, 1916. B. and O.: John W. Little, Hanover, Pa.

41108 **Flora's Rose King**
Sire *Victorious King of Maplehurst* 29679. Dam *Flora of Highway* 37919.
Born Oct. 13, 1916. B. and O.: John W. Little, Hanover, Pa.

41109 **Trewidden's Emblem of Elmview**
Sire *Emblem's Jack of Elmview* 31145. Dam *Imp. Trewidden's Garnet of Elmview* 47275.
Born July 21, 1916. B. and O.: Benjamin H. Throop, Elmhurst, Pa.

41110 **Sandy of Fairview Farm**
Sire *Sylvia's Prince* 30523. Dam *Bettie B.* 63338.
Born April 13, 1916. B.: V. E. Taylor & D. H. Finucan, Lima, N. Y. O.: George F. Deyo, Honeoye, N. Y.

41111 **Lena's Sequel**
Sire *Countess Cottie's Sequel* 24941. Dam *Raymond's Lena* 47869.
Born April 28, 1916. B. and O.: J. C. George, Venedocia, Ohio.

41112 **Bertha's May King of Cedar Hill**
Sire *Imp. May King of Arbolist* 24604. Dam *Bertha of Cedar Hill* 32685.
Born April 12, 1916. B. and O.: Nelson Y. Dungan, Somerville, N. J.

41113 **Nelly's David of Highland Farm**
Sire *Imp. Count of Athenia* 26866. Dam *Imp. Nelly of the Villiaze II.* 39564.
Born June 22, 1916. B. and O.: Joseph P. Golinvaux, Waterloo, Iowa.

41114 **Mark of Hickory Grove**
Sire *Wellsmere of Linwood* 25197. Dam *Maggie of Hickory Grove* 41656.
Born May 27, 1916. B. and O.: Glenn Clark, Eau Claire, Mich.

41115 **Polly's Bonny Boy**
Sire *Queen Coraline's Boy* 29826. Dam *Wern's Polly* 51020.
Born April 1, 1916. B. and O.: D. L. Williams, Waukesha, Wis.

41116 **Canary's Daughter's Boy**
Sire *Queen Coraline's Boy* 29826. Dam *Canary's Daughter* 41983.
Born June 30, 1916. B. and O.: D. L. Williams, Waukesha, Wis.

41117 **Rhea of Zoar Farm**
Sire *Julia's Rhea* 32495. Dam *She-will-do of Zoar Farm* 55324.
Born July 10, 1916. B. and O.: D. T. Williams, Waukesha, Wis.

41118 **Wern's Ora's Lad**
Sire *Queen Coraline's Boy* 29826. Dam *Wern's Ora* 29709.
Born Aug. 21, 1916. B. and O.: D. L. Williams, Waukesha, Wis.

41119 **Woodland's Archer**
Sire *King Masher 8th* 20973. Dam *Countess Archer* 32633.
Born Aug. 19, 1916. B. and O.: Felix M. Warburg, White Plains, N. Y.

41120 **Rex Raymond**
Sire *Rose's Raymond of Fritzlyn* 18546. Dam *Rex's Queen 2d* 48165.
Born April 22, 1916. B. and O.: J. R. Hay & Son, South Montrose, Pa.

41121 **Phil of South Street**
Sire *Scott Farm's New Year's King* 24651. Dam *Inez Elmdale* 21256.
Born Aug. 8, 1916. B. and O.: F. D. E. Stowe, Brattleboro, Vt.

41122 **Lucretia's Laddie of South Street**
Sire *Scott Farm's New Year's King* 24651. Dam *Lucretia S.* 51348.
Born June 27, 1916. B. and O.: F. D. E. Stowe, Brattleboro, Vt.

41123 **Craigamoor Austerlitz**
Sire *Austerlitz* 25475. Dam *Princess Tibeon of Craigamoor* 33765.
Born Sept. 21, 1916. B. and O.: George C. Cooper, Superior, Wis.

41124 **Benton Real**
Sire *Prince Benton of Oakdale* 22787. Dam *Dahlia Real* 36102.
Born June 22, 1916. B. and O.: C. Christensen, La Crosse, Wis.

41125 **Worden's King**
Sire *Princess of the Blicqs's King* 20548. Dam *La Parisienne* 42636.
Born Aug. 5, 1916. B. and O.: C. Christensen, La Crosse, Wis.

41126 **Brita's Count**
Sire *Princess of the Blicqs's King* 20548. Dam *Brita of West Prairie* 31571.
Born Sept. 20, 1916. B. and O.: C. Christensen, La Crosse, Wis.

41127 **Lewis of Kinderhook**
Sire *Hazel's Count* 32300. Dam *Glenwood's Norna of Kinderhook* 43606.
Born April 25, 1916. B. and O.: Alfred T. Ogden, Kinderhook, N. Y.

41128 **Ferdinand of City View**
Sire *Bell Buoy of Linda Vista* 19430. Dam *Fair Betsey of Grenwode* 39286.
Born April 19, 1916. B. and O.: O. R. Schwalen, Roberts, Wis.

41129 **Floss's Flander of City View**
Sire *Bell Buoy of Linda Vista* 19430. Dam *Imp. Floss II. of the Marais* 31978.
Born April 23, 1916. B. and O.: O. R. Schwalen, Roberts, Wis.

41130 **Imp. Butter Lad II. of the Braye** (R. G. A. S. 3020 P. S.)
Sire *Imp. Roberts' Boy* 21662. Dam On Guernsey *Buttercup of the Marais* (R. G. A. S. 5543 P. S.)
Born July 13, 1911. Imp. to New York, May 24, 1916, in S. S. Minnehaha, by F. S. Peer, Cranford, N. J. B.: R. E. Chilcott, Island of Guernsey. O.: F. S. Peer, Cranford, N. J.

41131 **Imp. Flower Boy of the Cloture** (R. G. A. S. 3377 P. S.)
Sire *Imp. Osseo IV.* 28601. Dam On Guernsey *Fleurie III. of the Cloture* (R. G. A. S. 8459 P. S.)
Born April 27, 1913. Imp. with No. 41130. B.: N. Ogier, Island of Guernsey. O.: F. S. Peer, Cranford, N. J.

41132 **Coralie's Bob**
Sire *Bob's Sheet Anchor* 32378. Dam *Sequel's Coralie* 24949.
Born April 20, 1916. B. and O.: Edward Halsey, Cato, N. Y.

41133 **Rufus of Cumberland**
Sire *Miriam's O. K. of Grenwode* 19864. Dam *Imp. Golden Iris of St. Croix* 46685.
Born Feb. 16, 1916. B. and O.: E. Huser, Cumberland, Wis.

41134 **Dolly's Pat of Little Rock Farm**
Sire *Amelia's King of Oakwood* 34453. Dam *Dolly Odessa* 54679.
Born July 31, 1916. B. and O.: Lewis P. Swoveland, Willshire, Ohio.

41135 **The Sequel of Chippewa**
Sire *Queen's Sequel of Chestnut Hill* 24487. Dam *Imp. Jessie VI. of the Vrangue* 19698.
Born Aug. 20, 1916. B. and O.: J. W. Rice, Harmonsburg, Pa.

41136 **Son of Charlotte**
Sire *Little Smoke* 14423. Dam *Double Queen* 33825.
Born Nov. 15, 1915. B. and O.: Nelson G. Richmond, Fredonia, N. Y.

41137 **Governor of Longwood**
Sire *Governor of Keewaydin* 19848. Dam *Mildred C.* 34168.
Born June 5, 1916. B.: E. H. Baker, Gates Mills, Ohio. O.: John L. Severance, Cleveland, Ohio.

41138 **Raider of Longwood**
Sire *Fussie's Raider of Waddington* 29318. Dam *Figtree Leaf of Keewaydin* 46004.
Born July 3, 1916. B. and O.: John L. Severance, Cleveland, Ohio.

41139 **Crusader of Longwood**
Sire *Fussie's Raider of Waddington* 29318. Dam *Rowellan's Matron* 37221.
Born Oct. 19, 1916. B. and O.: John L. Severance, Cleveland, Ohio.

41140 **Glen of Elmwood**
Sire *Josh of Birchwood* 21653. Dam *Spot of Haddon* 48650.
Born Sept. 5, 1916. B. and O.: A. P. Bean, Vesper, Wis.

41141 **Rival of Pleasant Cove**
Sire *Langwater Rival* 14194. Dam *Water Witch of the Glen* 23621.
Born July 7, 1916. B. and O.: John Henry Hammond, Mount Kisco, N. Y.

41142 **Imp. Lively Boy of Hilltop**
Sire On Guernsey *Lively's Sailor Boy of Les Quartiers* (R. G. A. S. 3622 P. S.) Dam *Imp. Chalmers' Clara* 65742.
Born July 23, 1916. Imp. in dam. B.: George Falla, Island of Guernsey. O.: George M. Hendee, Suffield, Conn.

41143 **Fanny's King**
Sire *Blanche Daisy II.'s King* 19106. Dam *Chedda's Fanny of Overland View* 54634.
Born May 15, 1916. B. and O.: W. S. McBane, East Liverpool, Ohio.

41144 **Rex Bob of Chesney Farms**
Sire *Daisy Bell's Bob Rilma* 25209. Dam *Rex Eldou 2d* 18763.
Born Sept. 22, 1916. B. and O.: O. W. Lehmann, Lake Villa, Ill.

41145 **Normandie's Bob of Chesney Farms**
Sire *Daisy Bell's Bob Rilma* 25209. Dam *Normandie's Orange Maid* 54064.
Born Aug. 8, 1916. B. and O.: O. W. Lehmann, Lake Villa, Ill.

41146 **Roger of Chesney Farms**
Sire *Dairymaid's Stranford of Pinehurst* 19003. Dam *Evea of Hillstead* 29343.
Born Oct. 16, 1916. B. and O.: O. W. Lehmann, Lake Villa, Ill.

41147 **Dena's Bob of Chesney Farms**
Sire *Daisy Bell's Bob Rilma* 25209. Dam *Dena of Hillhurst* 34433.
Born Oct. 24, 1916. B. and O.: O. W. Lehmann, Lake Villa, Ill.

41148 **Joy of Midway Farm**
Sire *Princess's Joy of Muskego* 30708. Dam *Queen's Soro's Beatrice* 51067.
Born May 14, 1916. B. and O.: W. H. Aldrich, Burlington, Wis.

41149 **Echo's May King**
Sire *Yeksatop's May King* 26598. Dam *Echo's Dainty* 36542.
Born Dec. 7, 1915. B. and O.: C. C. Thompson, Black River Falls, Wis.

41150 **Addie's King**
Sire *Yeksatop's May King* 26598. Dam *Addie of Brookside* 48629.
Born May 18, 1916. B. and O.: C. C. Thompson, Black River Falls, Wis.

41151 **Maud's Glenwood of Meadow Brook**
Sire *Melba's Glenwood King* 33105. Dam *Imp. Maud of Frogmore* 30312.
Born Oct. 4, 1916. B. and O.: R. H. Pollock, Jr., Parkers Landing, Pa.

41152 **Alma's Raymond**
Sire *Marsh's Dairyman* 25009. Dam *Buttercup's Alma* 43766.
Born May 11, 1916. B. and O.: Mrs. L. C. Hays, Imperial, Pa.

41153 **Eben**
Sire *Marsh's Dairyman* 25009. Dam *Buttercup of Brookside* 28384.
Born Oct. 7, 1916. B. and O.: Mrs. L. C. Hays, Imperial, Pa.

41154 **Deer's Capricio**
Sire *Capricio* 22652. Dam *Dewdrop's Deer* 68987.
Born March 28, 1916. B.: G. R. Whitney, Woodfords, Maine. O.: Est. G. R. Whitney, Woodfords, Maine.

41155 **Duke of Brock Hill**
Sire *Blanchflower's Twinkle of Brock Hill* 36135. Dam *Hattie of Weymouth* 53462.
Born May 6, 1916. B. and O.: M. L. Brock, West Newbury, Vt.

41156 **Imperial King Henry**
Sire *Gilt Henry of Hazelbrook* 23830. Dam *Nellie King* 23668.
Born Sept. 6, 1916. B.: F. P. Mullins, East Palestine, Ohio. O.: M. M. Marshall, East Palestine, Ohio.

41157 **Rutila's Masher Sequel**
Sire *Masher Sequel of Clover Hill* 29484. Dam *Duchess Rutila 3d* 33412.
Born April 7, 1916. B. and O.: Merritt R. Farnam, Ira, N. Y.

41158 **Tom Gold**
Sire *George Gold* 25857. Dam *Ganymede's Minty* 39324.
Born April 9, 1915. B. and O.: Henry Bond, Dodge Center, Minn.

41159 **Imp. Bickleigh Chieftain** (R. G. A. S. 3742 P. S.)
Sire *Imp. The White Knight* 29279. Dam On Guernsey *Sweet Brier of Bickleigh* (R. G. A. S. 8121 P. S.)
Born Jan. 2, 1915. Imp. to New York, Oct. 21, 1916, in S. S. Michigan, by Charles L. Hill, Rosendale, Wis. B.: H. Hamley, Island of Guernsey. O.: Charles L. Hill, Rosendale, Wis.

41160 **Imp. Forest of the Chêne**
Imp. as *Violet's Governor of La Houguette* (R. G. A. S. 3781 P. S.)
Sire On Guernsey *Governor of the Chêne* (R. G. A. S. 1297 P. S.)
Dam On Guernsey *Raymond's Violet of La Houguette* (R. G. A. S. 4390 F. S.)
Born March 27, 1915. Imp. with No. 41159. B.: E. Torode, Island of Guernsey. O.: Charles L. Hill, Rosendale, Wis.

41161 **Imp. Fortune of Sarnia**
Imp. as *Lieut. Governor of the Chêne* (R. G. A. S. 3792 P. S.)
Sire On Guernsey *Governor of the Chêne* (R. G. A. S. 1297 P. S.)
Dam On Guernsey *Dolly Dimple of the Chêne* (R. G. A. S. 4801 F. S.)
Born May 25, 1915. Imp. with No. 41159. B.: F. W. Jehan, Island of Guernsey. O.: Charles L. Hill, Rosendale, Wis.

41162 **Lord Baltimore of Ellerslie**
Sire *Golden Count of Pencoyd* 27846. Dam *Gertrude of E.* 32795.
Born July 23, 1916. B. and O.: G. M. Wallace, Falmouth, Va.

41163 **Big Dan of Elm Ridge**
Sire *Duke of Roughwood* 27183. Dam *Heirloom's Tahoma* 24329.
Born Aug. 28, 1916. B. and O.: W. M. Dingley, Gardiner, Maine.

41164 **White Sox of Maple Glen**
Sire *Florham Laddie* 20431. Dam *Pretor's Cottie Marie* 24076.
Born May 2, 1916. B. and O.: L. L. Coggshall, Locke, N. Y.

41165 **Sonoma Boy of Maple Glen**
Sire *Florham Laddie* 20431. Dam *Rose May of Maple Glen* 36950.
Born June 6, 1916. B. and O.: L. L. Coggshall, Locke, N. Y.

41166 **Lily's May King 2d**
Sire *Lily's May King* 31554. Dam *Belle of Yorkville* 54324.
Born May 22, 1916. B. and O.: Martin T. Allwardt, Yorkville, Ill.

41167 **Lily's May King 3d**
Sire *Lily's May King* 31554. Dam *Contrafuria* 29090.
Born Aug. 3, 1916. B. and O.: Martin T. Allwardt, Yorkville, Ill.

41168 **Tyrus of Lakeside**
Sire *Canary's King* 23136. Dam *Lady of Enterprise* 25511.
Born April 23, 1916. B. and O.: Anton Follstad, Elcho, Wis.

41169 **Ruby's Hardtack**
Sire *Hardtack of Bon Ayre* 26975. Dam *Ruby of Sugar Bush* 20609.
Born Feb. 26, 1916. B.: Curtis & Knilans, Fort Atkinson, Wis. O.: R. A. Hook, Fort Atkinson, Wis.

41170 **Golden Beauty's Pioneer**
Sire *Gabriel of Arcadia* 22562. Dam *Golden Beauty of Highland Farm* 15394.
Born June 8, 1916. B. and O.: Herbert E. Coffin, Berwick, Maine.

41171 **Bennie Boots**
Sire *His Majesty of Riverside Park Farm* 21102. Dam *Lalla Boots of Fairview* 42466.
Born Feb. 27, 1915. B. and O.: Reynard Nelson, Wautoma, Wis.

41172 **His Majesty's Pride of Ellen**
Sire *His Majesty of Riverside Park Farm* 21102. Dam *Mary Ellen of Cameron Park* 42397.
Born June 26, 1916. B. and O.: Reynard Nelson, Wautoma, Wis.

41173 **Glenwood's Critic of Fairview**
Sire *Glenwood's Criterion of Haddon* 26024. Dam *Jewel's Ada of Fairview* 36502.
Born Sept. 17, 1916. B. and O.: Charles H. Foote, Burlington, Vt.

41174 **Chief Victor of Fairview**
Sire *Myra's Divan of Fairview* 28535. Dam *Chief's Peg of Fairview* 53523.
Born Oct. 25, 1916. B. and O.: Charles H. Foote, Burlington, Vt.

41175 **Yeksa's Sequel Buster**
Sire *Yeksa's Beauty of Chestnut Hill* 22960. Dam *Tangray's Sequel of Chestnut Hill* 37332.
Born Aug. 10, 1915. B. and O.: A. J. Beers, Kinsman, Ohio.

41176 **King Fantine**
Sire *King Bell 2d* 22277. Dam *Yeksa's Fantine* 26228.
Born Oct. 20, 1915. B. and O.: W. Nicholls, Trempealeau, Wis.

41177 **Fantasia's Son**
Sire *King Bell 2d* 22277. Dam *Fantasia Belle* 36141.
Born Dec. 17, 1915. B. and O.: W. Nicholls, Trempealeau, Wis.

41178 **Dawn's King**
Sire *King Bell 2d* 22277. Dam *Dawn of Lone Mound 2d* 45436.
Born Dec. 20, 1915. B. and O.: W. Nicholls, Trempealeau, Wis.

41179 **Rosalind's Boy**
Sire *Warwick Peach Blow* 24257. Dam *Rosalind of Sunnyside* 24108.
Born April 12, 1916. B. and O.: C. Francis Minard, King Ferry, N. Y.

41180 **Norba's Harvest King**
Sire *Tricksey's George of Sunny Side* 18355. Dam *Norba's Starlight* 42559.
Born May 22, 1916. B. and O.: Earl Roberts, Oconomowoc, Wis.

41181 **King of Harvest Knoll**
Sire *Tricksey's George of Sunny Side* 18355. Dam *Captain's Belle* 42560.
Born June 29, 1916. B. and O.: Earl Roberts, Oconomowoc, Wis.

41182 **Wilson of Fairview**
Sire *Major of Fairview* 34894. Dam *Pansy of Homestead* 24130.
Born May 18, 1916. B. and O.: Peter Cologna & Sons, Marshfield, Mo.

41183 **Duke of Elk View**
Sire *Dimple Bloom 9th* 26430. Dam *Hilda B. of Spring Valley* 34585.
Born May 15, 1916. B. and O.: T. D. Jones, Union Dale, Pa.

41184 **Dexter of Elk View**
Sire *Dimple Bloom 9th* 26430. Dam *Pride's Jewel of Elk View* 54514.
Born May 18, 1916. B. and O.: T. D. Jones, Union Dale, Pa.

41185 **Nimble Dick of Sugar Bush**
Sire *Jessie's Dandy of Beirnetown* 30747. Dam *Peggy of Sugar Bush* 52903.
Born May 20, 1916. B. and O.: Louis S. Howard, Sugar Bush, Wis.

41186 **George New Berlin**
Sire *Burgomaster* 28741. Dam *Pearl New Berlin* 55721.
Born Nov. 2, 1916. B. and O.: H. W. Zimmermann, Wauwatosa, Wis.

41187 **St. Croix's Woodrow**
Sire *Langwater Princeling* 14906. Dam *Imp. St. Croix Tulip* 58205.
Born May 14, 1916. B. and O.: Lloyd Rundell, Roberts, Wis.

41188 **Jonas of Maple Grove**
Sire *Emperor of Maple Grove* 22678. Dam *Fern of Maple Grove* 40584.
Born May 13, 1916. B. and O.: Charles A. Wussow, Seymour, Wis.

41189 **Empire of Maple Grove**
Sire *Emperor of Maple Grove* 22678. Dam *Hopkins Choice* 30531.
Born July 11, 1916. B. and O.: Charles A. Wussow, Seymour, Wis.

41190 **Imp. Monarch of Tristram Farm**
Sire On Guernsey *Monarch of the Hougue* (R. G. A. S. 3396 P. S.)
Dam *Imp. Deb of Sarnia* 65387.
Born July 25, 1916. Imp. in dam. B.: D. A. Mahy, Island of Guernsey. O.: W. K. Coffin, Eau Claire, Wis.

41191 **Imp. Chieftain of Tristram Farm**
Sire On Alderney *Douglas* (R. A. A. S. 204 P. S.) Dam *Imp. Economy of Sarnia* 65365.
Born July 28, 1916. Imp. in dam. B.: P. Herivel, Island of Alderney. O.: W. K. Coffin, Eau Claire, Wis.

41192 **Marshfield's Lively**
Sire *Hero of Loberg Glen* 20661. Dam *Marshfield Maid* 37138.
Born May 15, 1916. B. and O.: George E. Larson, Amherst Junction, Wis.

41193 **Dick of South Hadley**
Sire *Mixter Demonstrator of Hadley* 34313. Dam *Coventry Belle's Best* 55489.
Born Sept. 11, 1916. B. and O.: James H. Jones, South Hadley Falls, Mass.

41194 **Hero of South Side**
Sire *King Archer* 23835. Dam *Noddy* 44901.
Born Feb. 29, 1916. B. and O.: W. J. Dawson, La Crosse, Wis.

41195 **Louis d'Or of Webb Farms**
Sire *News Boy of Haddon* 25912. Dam *Imp. Loulou's Maid* 48461.
Born April 26, 1916. B. and O.: J. Griswold Webb, Clinton Corners, N. Y.

41196 **Imogene's Secret**
Sire *Charmante's Golden Secret* 27408. Dam *Abby Lodge Imogene* 54277.
Born May 6, 1916. B. and O.: Arthur N. Cooley, Pittsfield, Mass.

41197 **King of Amber**
Sire *Pride of Springhurst* 27201. Dam *Zella of Lamont's Farm* 23448.
Born June 10, 1916. B. and O.: James Foley, Ludington, Mich.

41198 **Lura's May King**
Sire *Ezalia's May King* 17089. Dam *Lura of Eau Claire* 40175.
Born May 16, 1916. B. and O.: E. J. Smallidge, Eau Claire, Mich.

41199 **Prince Henry of Alban**
Sire *Casterilius of Garfield* 33015. Dam *Queen of New Hope* 56004.
Born June 27, 1916. B. and O.: Est. A. O. Hole, Rosholt, Wis.

41200 **Gallant's Golden Rule**
Sire *Gallant Knight of Iowa* 19511. Dam *Wreath of Gold* 42135.
Born Feb. 20, 1916. B. and O.: O. E. Perry, Newburg, Iowa.

41201 **Golden Spotted Prince**
Sire *Warrena's Prince* 29353. Dam *Golden Spotty* 53190.
Born July 12, 1916. B. and O.: O. E. Perry, Newburg, Iowa.

41202 **Buster of Maple Grove**
Sire *Buster of City View* 30044. Dam *Imp. Alderney Duchess of the Fountain* 55837.
Born Nov. 19, 1915. B. and O.: F. T. Wilford, Hammond, Wis.

41203 **Flora's Dan of Edgewood**
Sire *Flora's Prince of Lewison* 16975. Dam *Flora of Edgewood* 39800.
Born June 9, 1916. B. and O.: H. W. Johnson, Winston-Salem, N. C.

41204 **Pet's Ben**
Sire *Beatrice's Stranford* 31968. Dam *Pet of Edgewood 2d* 29944.
Born May 20, 1916. B. and O.: H. W. Johnson, Winston-Salem, N.C.

41205 **Major of Sharon**
Sire *King of Birchwood* 27366. Dam *Nancy of Sharon* 69073.
Born June 29, 1916. B. and O.: E. L. Peterson, Ottawa, Minn.

41206 **Mansion Farm's Gem**
Sire *Imp. Raymond of Foxburg* 30467. Dam *Sarah's Lad's Solona* 47425.
Born April 24, 1916. B. and O.: J. M. Fox, Foxburg, Pa.

41207 **Roy of Flint Ledge**
Sire *Florham Quality* 34375. Dam *Red Rose of Flint Ledge* 52652.
Born July 28, 1916. B. and O.: H. C. Hurley, Rockville, Md.

41208 **Fenton's Boy of Oak Grove**
Sire *Fenton* 17460. Dam *Fleck of Brush Creek* 32589.
Born March 30, 1916. B. and O.: J. A. Darnell, Grove City, Ohio.

41209 **Pixie's Prince of Maudesleigh**
Sire *Langwater Royalist* 23121. Dam *Pixie May of Maudesleigh* 42923.
Born June 21, 1916. B. and O.: F. S. Moseley, Newburyport, Mass.

41210 **James Harris**
Sire *Charley Lehigh* 21178. Dam *Viola Lehigh* 39587.
Born June 28, 1916. B. and O.: Gustav Neuman, Baraboo, Wis.

41211 **Twilight's Rex**
Sire *George Washington of Midlothian* 28245. Dam *Twilight of Mapledale* 68190.
Born Dec. 18, 1915. B. and O.: David Shantz, Cullom, Ill.

41212 **Glenwoodson's Duke of Lake View**
Sire *Glenwoodson* 27063. Dam *Princess Jane of Elderon* 55088.
Born May 24, 1916. B. and O.: A. J. Plowman, Elderon, Wis.

41213 **Wood Ford's Newington Boy**
Sire *Box of the Glen* 15745. Dam *Wood Ford's Josepha* 53242.
Born Aug. 14, 1916. B. and O.: J. W. Alsop, Avon, Conn.

41214 **Middledale Lad, Jr.**
Sire *Middledale Lad* 26906. Dam *Majesta Maid* 47805.
Born Sept. 24, 1916. B. and O.: F. J. Lewis, Banks, Oregon.

41215 **Jedetta's Cherub of the Prairie**
Sire *Imp. Hayes Cherub 2d* 25147. Dam *Dairymaid's Jedetta of Iowa* 45554.
Born Sept. 8, 1916. B. and O.: W. W. Marsh, Waterloo, Iowa.

41216 **Figtree's Cherub of the Prairie**
Sire *Ladysmith's Cherub* 30760. Dam *Imp. Figtree IV.* 43648.
Born Oct. 3, 1916. B. and O.: W. W. Marsh, Waterloo, Iowa.

41217 **Gold King of Sarnia**
Sire *Elmer of Sarnia* 28125. Dam *Imp. Blueblood of Sarnia* 46554.
Born Aug. 22, 1916. B. and O.: Charles L. Hill, Rosendale, Wis.

41218 **Hustler of Mara Alva**
Sire *Woodvale Masher* 22221. Dam *Woodvale Viva* 52320.
Born Sept. 28, 1916. B.: E. E. Tschumy, Copley, Ohio. O.: A. C. Ramseyer, Smithville, Ohio.

41219 **Rouge's Duke of City View**
Sire *Bell Buoy of Linda Vista* 19430. Dam *Imp. Rouge of City View* 59637.
Born July 6, 1916. B. and O.: O. R. Schwalen, Roberts, Wis.

41220 **Broad Ripple's Contribution**
Sire *Pulias Lad* 27501. Dam *Sultana of Edgemont 3d* 29479.
Born April 16, 1916. B.: John L. Davies, Waukesha, Wis. O.: George W. Browne, Waukesha, Wis.

41221 **Bully Boy of Broad Ripple**
Sire *Jeweller's Porter* 14385. Dam *Leoparda of Lone Mound* 28698.
Born May 20, 1916. B.: John T. Maule & Son, Dousman, Wis. O.: George W. Browne, Waukesha, Wis.

41222 **Broad Ripple Musketeer**
Sire *Dora's Boy of Sunny Valley* 24470. Dam *Hollyhock's Easter Hole Spot* 54740.
Born May 24, 1916. B. and O.: George W. Browne, Waukesha, Wis.

41223 **Broad Ripple's Ambition**
Sire *Maesmawr's King of the May* 20356. Dam *La Mollie of Fire Town* 26312.
Born June 14, 1916. B.: William D. Williams, Waukesha, Wis. O.: George W. Browne, Waukesha, Wis.

41224 **Broad Ripple's Harvest King**
Sire *Nancy's King of the May* 36557. Dam *Imp. Bonnie Kathleen* 36275.
Born Aug. 14, 1916. B.: Browne & McMillan, Waukesha, Wis. O.: George W. Browne, Waukesha, Wis.

41225 **Broad Ripple's Fascination**
Sire *Governor Beatrice* 13374. Dam *First Maid of Sunny Side* 39307.
Born Sept. 17, 1916. B.: H. E. Aldrich, Lyons, Wis. O.: George W. Browne, Waukesha, Wis.

41226 **Prince R. of Edgewater**
Sire *Prince Regent of Meadowbrook* 15962. Dam *Imp. Iona of the Isle* 40463.
Born May 19, 1916. B. and O.: F. G. Benham, Canandaigua, N. Y.

41227 **King Glenwood of Valley View**
Sire *Jedetta's Glenwood* 12922. Dam *Glenwood's Glenwood Girl of Valley View* 66257.
Born May 28, 1914. B. and O.: T. V. Hicks, Battle Creek, Mich.

41228 **Choice's Gay Lad of Sunnybrook**
Sire *Choice's Gay Lad of Harriton* 25644. Dam *Rival's Reason of Dellwood* 46069.
Born March 15, 1916. B. and O.: I. N. Glick, Smoketown, Pa.

41229 **Duenota 2d's Laddie**
Sire *Quaint's Lad* 25786. Dam *Duenota 2d* 31463.
Born April 8, 1916. B. and O.: W. B. Douglas, St. Paul, Minn.

41230 **Aimable's Columbus of Gladbrook**
Sire *Aimable's Columbus of Oak Ridge* 26945. Dam *Leda of Oak Ridge* 47777.
Born Aug. 30, 1916. B.: Thomas F. Ryan, Oak Ridge, Va. O.: Mrs. August Belmont, New Ashford, Mass.

41231 **New Year's King of Glen-Rose**
Sire *Monsieur of Linda Vista* 26895. Dam *New Year's Glenwood* 37952.
Born May 25, 1916. B. and O.: Fred C. Clow, New Lisbon, Wis.

41232 **Pan of Cosquay**
Sire *Pan of Rich Neck* 34200. Dam *Sparkle of Cosquay* 52416.
Born July 23, 1916. B. and O.: E. J. Adkins, Hebron, Md.

41233 **Harvirgen Bold of Franwill Farm**
Sire *Langwater Bold of Harvirgen Farm* 30716. Dam *Raymond's Miss Glen* 42171.
Born Jan. 2, 1916. B. and O.: W. White, Niles, Mich.

41234 **Paymaster of Ewing**
Sire *Imp. Ravenscroft Coronation* 25173. Dam *Imp. Buttercup II. of the Mourants* 39464.
Born April 30, 1916. B. and O.: F. W. Roebling, Trenton, N. J.

41235 **Jester of Ewing**
Sire *Alphonso of Ewing* 30198. Dam *Imp. Rose of les Frances* 38850.
Born June 3, 1916. B. and O.: F. W. Roebling, Trenton, N. J.

41236 **Shepherd Boy of Ewing**
Sire *Alphonso of Ewing* 30198. Dam *Minuet's Hope of Ewing* 48268.
Born Sept. 3, 1916. B. and O.: F. W. Roebling, Trenton, N. J.

41237 **Douglas of Ewing**
Sire *Oakland of Ewing* 30978. Dam *Imp. Nelita's Beauty* 38879.
Born Sept. 30, 1916. B. and O.: F. W. Roebling, Trenton, N. J.

41238 **Daisy's Glen**
Sire *Cottie's Royal Laddie* 29024. Dam *Daisy of Rising Sun* 42601.
Born June 16, 1916. B. and O.: Samuel Hertel, Van Wert, Ohio.

41239 **Mina's Dean**
Sire *Irene's Chief of Pomeroy* 18317. Dam *Mina of Chestnut Hill* 27739.
Born July 8, 1916. B. and O.: Samuel Hertel, Van Wert, Ohio.

41240 **Irene's Peck**
Sire *Cottie's Royal Laddie* 29024. Dam *Irene of Rising Sun* 54515.
Born Sept. 16, 1916. B. and O.: Samuel Hertel, Van Wert, Ohio.

41241 **Jim of Home Acres**
Sire *Belle's Holden of Pleasant View* 22251. Dam *Governor du Braye's and Alice's Roxa S.* 45808.
Born May 23, 1916. B. and O.: Eugene Griffin, Moravia, N. Y.

41242 **Masher's Choice**
Sire *Masher's Kaptin Kiddo* 21948. Dam *Belle of Carwytham* 59021.
Born May 21, 1916. B. and O.: Henry N. Corwith, Bridgehampton, N. Y.

41243 **Czar's Choice**
Sire *Czar of Carwytham* 30196. Dam *Estelle of Carwytham* 41122.
Born July 17, 1916. B. and O.: Henry N. Corwith, Bridgehampton, N. Y.

41244 **Glenwood Boy of Suburban Farm**
Sire *Caligula* 23329. Dam *Gem of Sunnyside* 33575.
Born May 20, 1916. B. and O.: James H. Seaman, Glens Falls, N. Y.

41245 **Traveller of Suburban Farm**
Sire *Caligula* 23329. Dam *Phebe D. of Maplelawn* 24205.
Born May 29, 1916. B. and O.: James H. Seaman, Glens Falls, N. Y.

41246 **Golden Hero of Suburban Farm**
Sire *Caligula* 23329. Dam *Imp. Lady Kelso III.* 35222.
Born July 20, 1916. B. and O.: James H. Seaman, Glens Falls, N. Y.

41247 **Moose Valley Royal**
Sire *Bowditch of Prospect* 27421. Dam *Imp. Governs Nancy* 44534.
Born Sept. 14, 1916. B.: Bronson C. Rumsey, Cody, Wyo. O.: Theo. Hollister, Duluth, Minn.

41248 **Moose Valley Novelty**
Sire *Bowditch of Prospect* 27421. Dam *Hulda M.* 23045.
Born Sept. 27, 1916. B.: Bronson C. Rumsey, Cody, Wyo. O.: Theo. Hollister, Duluth, Minn.

41249 **Moose Valley Star**
Sire *Bowditch of Prospect* 27421. Dam *Imp. Trequean Fanny 2d* 35560.
Born Oct. 4, 1916. B.: Bronson C. Rumsey, Cody, Wyo. O.: Theo. Hollister, Duluth, Minn.

41250 **Waverly Girl's King**
Sire *Othello of Tarbell Farms* 28646. Dam *Mabel's Waverly Girl* 55936.
Born Aug. 31, 1916. B. and O.: G. W. Doney, Waverly, N. Y.

41251 **Othello's Admiral**
Sire *Othello of Tarbell Farms* 28646. Dam *Beauty's Fantine of Springbrook* 42921.
Born Sept. 26, 1916. B. and O.: G. W. Doney, Waverly, N. Y.

41252 **Veda's Prince**
Sire *Billy's Teddy* 25797. Dam *Veda Bloom* 45276.
Born June 2, 1916. B. and O.: John Dale, Monongahela, Pa.

41253 **Captain's Bonny Boy**
Sire *Captain Jeweller of Lynnhurst Farm* 28742. Dam *Stillwater Girl* 44672.
Born Aug. 13, 1916. B. and O.: J. L. Spaulding, Rice Lake, Wis.

41254 **Mary's Stranford**
Sire *Henry Stranford* 30444. Dam *Imp. Mary of Mapleleaf* 52051.
Born May 21, 1916. B. and O.: Frank S. Knapp, Platteville, Wis.

41255 **Whiting Jewel**
Sire *Myra's Jewel of Fairview* 19158. Dam *Carpatha's Beauty* 37342.
Born June 17, 1916. B.: Mark H. Moody, Waterbury, Vt. O.: D. S. Bliss, Middlebury, Vt.

41256 **Goda's Production**
Sire *Langwater Royal 4th* 19331. Dam *Goda 3d* 25251.
Born Jan. 23, 1916. B. and O.: H. D. Parker, Greeley, Colo.

41257 **Leroy of Brookville**
Sire *Bickleigh of Chilmark* 22366. Dam *Primrose of Oakwood* 43032.
Born Aug. 19, 1915. B. and O.: C. W. Campbell, Brookville, Pa.

41258 **Gay Boy of Oak Hill**
Sire *Langwater Harvester* 20516. Dam *Busy Body of Oak Hill* 36398.
Born Aug. 1, 1916. B. and O.: J. Amory Haskell, Red Bank, N. J.

41259 **Wonder of Oak Hill**
Sire *Langwater Harvester* 20516. Dam *Twilight Daisy of Oak Hill* 43118.
Born Aug. 7, 1916. B. and O.: J. Amory Haskell, Red Bank, N. J.

41260 **Oak Hill Chief**
Sire *Langwater Harvester* 20516. Dam *Hyacinth of Haddon* 27377.
Born Sept. 28, 1916. B. and O.: J. Amory Haskell, Red Bank, N. J.

41261 **Hertford May King of Branford**
Sire *Florham May King* 30935. Dam *Imp. Hertford Lady* 37081.
Born Sept. 26, 1916. B. and O.: Morton F. Plant, Groton, Conn.

41262 **Hillside's Short of the Simons's Conqueror**
Sire *Imp. Conqueror's Goldman* 17185. Dam *Hillside's Short of the Simons* 36780.
Born Sept. 6, 1914. B. and O.: Samuel P. Blagden, Williamstown, Mass.

41263 **Lorilla's Masher of Elmlawn**
Sire *Imp. Jeannette's Masher's Sequel* 12071. Dam *Lorilla of Elmlawn Farms* 44164.
Born June 1, 1916. B. and O.: G. E. Foster, Cornville, Maine.

41264 **Laddie of Pleasant Valley**
Sire *Duke of the Park* 23582. Dam *Lily of Fairview* 32522.
Born Sept. 23, 1916. B. and O.: Avarilla Henkle Sturgis, Smithfield, Ill.

41265 **Buster of New Hope**
Sire *Ollie's Togo* 23931. Dam *New Hope Blossom* 51918.
Born May 18, 1916. B. and O.: Matt Domaszek, Amherst Junction, Wis.

41266 **Oakhurst**
Sire *Sunnybrook Aristocrat* 32773. Dam *Sunnybrook's Little Iris* 49867.
Born Nov. 5, 1916. B. and O.: Charles D. Cleveland, Eatontown, N. J.

41267 **Leo Larrabee**
Sire *Leo Winnebago* 24663. Dam *Fannietta* 24227.
Born Sept. 28, 1916. B. and O.: Friedrich Schley, Clintonville, Wis.

41268 **Governor Itchen of Onisquethaw**
Sire *Governor Itchen of Chilmark* 29255. Dam *Evory's Queen* 25897.
Born May 6, 1916. B. and O.: Jacob A. Van Atten, Feura Bush, N. Y.

41269 **Glenwood Beauty's Boy**
Sire *Glenwood Beauty's Bonny Boy* 31165. Dam *Pauline of Sycamore* 27621.
Born April 29, 1916. B. and O.: Claude Moore, Tivoli, N. Y.

41270 **King of Antrim Place**
Sire *King of Nottingham* 26109. Dam *Oak Ridge Lady* 26448.
Born June 21, 1915. B. and O.: Calvin McMurray & Son, Venetia, Pa.

41271 **Squire of North Wellington**
Sire *Squire Wellington* 31060. Dam *Winna's Bessie of Englewood* 55523.
Born July 29, 1916. B. and O.: M. A. Leppa, Kimball, Minn.

41272 **Josie's Pride**
Sire *Major Rilma* 18791. Dam *Elm Road Josie* 53410.
Born May 28, 1916. B.: C. E. Tobey, Phillips, Wis. O.: Charles Shoettle, Phillips, Wis.

41273 **Philip of Rose Bank Farms**
Sire *Grasslands Roll of Honor* 18200. Dam *Florentine's Christine 5th* 51051.
Born Oct. 23, 1916. B. and O.: Myron H. Richardson, Littleton, N. H.

41274 **The Kaiser of Hickory Ridge**
Sire *King George of Sunnyside* 25469. Dam *Flora of High Point* 25902.
Born July 1, 1916. B. and O.: J. Watt Weir, Cornwell, S. C.

41275 **Harvester of Oak Hill**
Sire *Langwater Harvester* 20516. Dam *Anne of Wellesley* 37781.
Born July 9, 1916. B. and O.: J. Amory Haskell, Red Bank, N. J.

41276 **Laurie of Oak Hill**
Sire *Langwater Harvester* 20516. Dam *Canterbury Gem* 18603.
Born Aug. 8, 1916. B. and O.: J. Amory Haskell, Red Bank, N. J.

41277 **Solomon of Saxalea**
Sire *Lad Billaxy* 29929. Dam *Margaret of Elm Place* 18303.
Born April 14, 1916. B. and O.: M. S. Kellogg, Janesville, Wis.

41278 **Pride of Saxalea**
Sire *Jessy Rose's Pride of Iowa* 23955. Dam *Imp. Ballet of Sarnia* 46529.
Born June 18, 1916. B.: Charles L. Hill, Rosendale, Wis. O.: M. S. Kellogg, Janesville, Wis.

41279 **Hero's Holden of Rocky Ford**
Sire *Beirnetown Hero* 24150. Dam *Holden's Lass of Rocky Ford* 69179.
Born April 25, 1916. B. and O.: Clark E. Kitchen, Rocky Ford, Colo.

41280 **Zelda's King of Rural Glade**
Sire *Blue Bell's King of Maplehurst* 29678. Dam *Zelda of Rural Glade* 36292.
Born Aug. 15, 1916. B. and O.: S. W. Townsend, Cochranville, Pa.

41281 **Raymond of Oak Lawn**
Sire *Tyler of Elm Road* 24423. Dam *Rosie Raymond* 46381.
Born Sept. 6, 1916. B. and O.: H. A. Oakley, Sparta, Wis.

41282 **Brick of Crystal View**
Sire *Annetta's Governor of Woodend* 25400. Dam *Queen of Crystal View* 48600.
Born May 14, 1916. B. and O.: T. C. Norman, Lake Crystal, Minn.

41283 **George of Ochervoil Farm**
Sire *Gay Lad Sequel of Denton Farm* 22845. Dam *Wern Julia* 28395.
Born May 28, 1916. B. and O.: John L. Williams, Waukesha, Wis.

41284 **Felicia's Duke of Ochervoil Farm**
Sire *Gay Lad Sequel of Denton Farm* 22845. Dam *Wern's Felicia* 28396.
Born June 6, 1916. B. and O.: John L. Williams, Waukesha, Wis.

41285 **Follyland Justice**
Sire *Fillmore's Golden Secret* 28009. Dam *Follyland Nancy* 52457.
Born March 29, 1916. B. and O.: I. C. Blandy, Greenwich, N. Y.

41286 **Pride of Edgemere**
Sire *May Rose Secret of Pencoyd* 27844. Dam *Noble's Rose* 49441.
Born Dec. 4, 1915. B.: F. G. Benham, Canandaigua, N. Y. O.: W. Pitt Parker, Moravia, N. Y.

41287 **Maplelawn Galaxy**
Sire *Imp. Sequel's Treasure Trove* 30722. Dam *Imp. Blanche of Maplelawn* 47333.
Born April 14, 1916. B. and O.: F. B. Rundell & R. Nicholson, Livingston, Wis.

41288 **Fennimore's Pride**
Sire *Prince Glenwood of Two Oaks* 26241. Dam *Imp. Polly II. de la Maison d'Aval* 35480.
Born Aug. 8, 1916. B. and O.: Frank H. Fennimore, Parma, Mich.

41289 **Bonnie Roscoe**
Sire *Dormir's Oak* 25345. Dam *Bonnie Caroline* 46366.
Born Aug. 24, 1916. B. and O.: D. L. Babcock, Edgerton, Wis.

41290 **Golden Bell Buoy of City View**
Sire *Bell Buoy of Linda Vista* 19430. Dam *Imp. Forfaiture's Daisy of City View* 59641.
Born May 3, 1916. B. and O.: O. R. Schwalen, Roberts, Wis.

41291 **King Raritan of Craigamoor**
Sire *Langwater Raritan* 17052. Dam *Imp. Daisy Moon VI.* 34944.
Born Sept. 4, 1916. B. and O.: George C. Cooper, Superior, Wis.

41292 **Hopeful's Rose King**
Sire *King of the Roses* 26842. Dam *May Rose's Hopeful* 43479.
Born March 3, 1916. B. and O.: Ray Lewis, West Salem, Wis.

41293 **Langwater Gendarme**
Sire *Langwater Fashion* 23660. Dam *Raymond VIII.'s France of Lewison* 36505.
Born May 28, 1916. B. and O.: F. L. Ames, North Easton, Mass.

41294 **Langwater Music's Fashion of Albamont**
Sire *Langwater Fashion* 23660. Dam *Langwater Music* 40707.
Born June 23, 1916. B. and O.: F. L. Ames, North Easton, Mass.

41295 **Langwater Roggie**
Sire *Langwater Model* 28061. Dam *Imp. Monica's Island Jewel* 35780.
Born Aug. 17, 1916. B. and O.: F. L. Ames, North Easton, Mass.

41296 **Sequel's King of Maple Lawn**
Sire *Galaxy's Sequel's Hustler* 27014. Dam *Imp. Milton Lily 1st* 32439.
Born March 5, 1916. B. and O.: C. E. Stauffer, Medina, Ohio.

41297 **Stub of Trielm**
Sire *Halcyon Boy* 21052. Dam *Pava of Briarbank 2d* 46150.
Born Sept. 23, 1916. B. and O.: George W. Cardwell, Imlay City, Mich.

41298 **Master of Daybreak**
Sire *Glenwood's Autocrat of Haddon* 26966. Dam *Daybreak of Harriton* 46964.
Born Aug. 9, 1916. B.: Mary M. Vaux, Bryn Mawr, Pa. O.: Ira W. Grass, Chalfont, Pa.

41299 **Carnation's Gay Lad**
Sire *Gay's May King* 19731. Dam *Carnation of Annandale* 38220.
Born June 19, 1916. B. and O.: Ray Lewis, West Salem, Wis.

41300 **Tsar of Mount Clemens**
Sire *Imp. Franc III.* 27022. Dam *Rosa of Halcyon Farm* 33557.
Born Feb. 21, 1916. B.: H. Byron Scott, Grosse Ile, Mich. O.: Detroit Creamery Co., Mount Clemens, Mich.

41301 **Lord of Attleboro**
Sire *Jaquemart of Riverside Farm* 19558. Dam *Fluffy Hill* 29923.
Born June 26, 1916. B. and O.: Frank R. Sweet, Attleboro, Mass.

41302 **Dollie Queen's Lord Roberts**
Sire *Primal B. of Avonlea* 26677. Dam *Dollie Queen* 32477.
Born Dec. 7, 1915. B. and O.: Est. R. L. Patterson, Butler, Pa.

41303 **Imp. Punch** (R. A. A. S. 216 P. S.)
Sire On Alderney *Governor of Balmoral* (R. A. A. S. 151 P. S.)
Dam On Alderney *Red Tulip of Tol Val* (R. A. A. S. 1222 P. S.)
Born March 6, 1916. Imp. to New York, Sept. 1, 1916, in S. S. Mesaba, by S. T. Cooper, Chicago, Ill. B.: J. P. Gallichan, Island of Alderney. O.: S. T. Cooper, Chicago, Ill.

41304 **Francetta's Governor of Fergus Falls**
Sire *Lolita's Governor of Woodend* 19310. Dam *Francetta of Woodend* 39163.
Born Oct. 4, 1915. B.: Mrs. Mina O. Newhouse, Brandon, Minn. O.: O. F. Ulland, Fergus Falls, Minn.

41305 **Francetta's Laddie**
Sire *Lolita's Governor of Woodend* 19310. Dam *Francetta of Woodend* 39163.
Born Aug. 17, 1916. B. and O.: O. F. Ulland, Fergus Falls, Minn.

41306 **Imp. Governor of Les Grantés** (R. G. A. S. 3789 P. S.)
Sire On Guernsey *Governor of the Chêne* (R. G. A. S. 1297 P. S.)
Dam On Guernsey *Countess of les Bordages* (R. G. A. S. 4012 F. S.)
Born May 2, 1915. Imp. to New York, Oct. 27, 1916, in S. S. Mongolia, by F. S. Peer, Cranford, N. J. B.: J. L. Le Page, Island of Guernsey. O.: F. S. Peer, Cranford, N. J.

41307 **Imp. Blenheim Governor** (R. G. A. S. 3866 P. S.)
Sire On Guernsey *Governor of the Chêne* (R. G. A. S. 1297 P. S.)
Dam On Guernsey *Cocotte II. of the King's Mills* (R. G. A. S. 6049 P. S.)
Born Nov. 12, 1915. Imp. with No. 41306. B.: J. Martin, Island of Guernsey. O.: F. S. Peer, Cranford, N. J.

41308 **Westmoreland's Champion of Riverdale**
Sire *Imp. Westmoreland* 17918. Dam *Lindenwood Lass* 34932.
Born Oct. 15, 1916. B. and O.: William Nelson Pelouze, Oconomowoc, Wis.

41309 **Avon-Vale's Romeo**
Sire *Fancy John of Edgewater* 26789. Dam *Francesca of Edgewater* 48655.
Born April 24, 1916. B.: F. G. Benham & Son, Canandaigua, N. Y. O.: C. L. Whiting, Avon, N. Y.

41310 **Avon-Vale's Reveaux**
Sire *Royal R. of Edgewater* 31785. Dam *Imp. Miss Reveaux of Edgewater* 54519.
Born June 18, 1916. B.: F. G. Benham, Canandaigua, N. Y. O.: C. L. Whiting, Avon, N. Y.

41311 **Pure Gold of Welliversville**
Sire *Dimple Bloom 11th* 29903. Dam *Vie of Welliversville* 28196.
Born Aug. 6, 1916. B. and O.: J. Frank Kline, Bloomsburg, Pa.

41312 **Yeksa's Maren**
Sire *Lord Yeksa's Boy* 28738. Dam *Marenda Lehigh* 42688.
Born Jan. 5, 1916. B. and O.: Clifford Capener, Baraboo, Wis.

41313 **Yeksa's Aurelley**
Sire *Lord Yeksa's Boy* 28738. Dam *Aurelley Lehigh* 49579.
Born Jan. 19, 1916. B. and O.: Clifford Capener, Baraboo, Wis.

41314 **Yeksa's Marquett**
Sire *Lord Yeksa's Boy* 28738. Dam *Marquinetta* 40830.
Born Jan. 25, 1916. B. and O.: Clifford Capener, Baraboo, Wis.

41315 **Yeksa's Aurelley of Breezy Hill**
Sire *Lord Yeksa's Boy* 28738. Dam *Aurelley Lehigh* 49579.
Born Dec. 1, 1916. B. and O.: Clifford Capener, Baraboo, Wis.

41316 **Betsey's Dandy Jim**
Sire *Hetty Gold's Lad* 22200. Dam *Betsey Echo* 41199.
Born April 17, 1916. B. and O.: M. F. Whithed, Bernardston, Mass.

41317 **Erb of Seneca**
Sire *Master Butterscotch* 18792. Dam *Lillie S. of Seneca* 58013.
Born Oct. 4, 1915. B. and O.: R. A. Baxter, Charlestown, Md.

41318 **Lassie's Laddie**
Sire *Lord Mar of Elmendorf* 32447. Dam *Elmendorf's Lassie* 56497.
Born June 6, 1916. B. and O.: Est. J. B. Haggin, Lexington, Ky.

41319 **Shaddock's Brookside of Coldwater**
Sire *Shaddock* 23579. Dam *Lady of Brookside 2d* 26899.
Born May 27, 1916. B. and O.: L. J. Byers & C. C. Barnes, Coldwater, Mich.

41320 **Champion of Edgewood**
Sire *Iredell's Prince* 13243. Dam *Viviane's Joy* 14502.
Born Dec. 14, 1915. B. and O.: W. C. Bain, Greensboro, N. C.

41321 **Corinna's Sequel of A. D. F.**
Sire *Murne Cowan's Sequel* 29446. Dam *Corinna White 7th* 50952.
Born Aug. 22, 1916. B. and O.: O. C. Barber, Barberton, Ohio.

41322 **Barnaby's Bridegroom**
Sire *Barnaby Rudge* 33985. Dam *Bridesmaid* 28972.
Born Dec. 22, 1914. B. and O.: E. C. Nally, Cainesville, Mo.

41323 **Trimble**
Sire *Carlton's Victory of Maplewood* 28480. Dam *Thelma of Maplewood* 33962.
Born Jan. 6, 1916. B. and O.: C. W. Gardner, Long Lake, Minn.

41324 **Billy's Lad of Lake View**
Sire *Branford Billy of the Hougue* 21753. Dam *Princess Virginia of Lake View* 52401.
Born May 25, 1916. B. and O.: Selsing Bros., Wautoma, Wis.

41325 **Biehlie of Pleasant View**
Sire *George's Diamond Duke* 35378. Dam *Heloise of Highfields* 37636.
Born Nov. 1, 1916. B. and O.: Joseph B. Woods, Elizabeth, Pa.

41326 **Cora's Pretor of Lakeside**
Sire *Ingleside King Pretor* 29171. Dam *Cora's Lady of Oak Hill Farm* 40290.
Born Oct. 7, 1916. B. and O.: March & McGrew, Dassel, Minn.

41327 **Augustine of Elm Tree Farm**
Sire *Choice of Elm Tree Farm* 24007. Dam *Claretta* 50047.
Born Aug. 23, 1916. B. and O.: H. P. Deming, Winsted, Conn.

41328 **Triarose's Gold Dust**
Sire *King Gold Dust* 24601. Dam *Triarose* 45747.
Born Sept. 1, 1915. B. and O.: W. W. Colburn, Temple, N. H.

41329 **Quartarose's King**
Sire *King Gold Dust* 24601. Dam *Quartarose* 61918.
Born Dec. 25, 1915. B. and O.: W. W. Colburn, Temple, N. H.

41330 **Marie's Glenwood's Oscar**
Sire *Marie's Glenwood of Valley View* 16090. Dam *Matilda of Hillside Farm* 37262.
Born Dec. 3, 1913. B. and O.: Seymour S. Olin, Galesburg, Mich.

41331 **Major Wilson of Elmwood**
Sire *Ona's Valentine* 31896. Dam *Queeny of Elmwood* 61402.
Born Feb. 8, 1916. B. and O.: M. E. Gifford, Sherman, N. Y.

41332 **Sun Sachem of Sholan Farms**
Sire *Charles O'Malley of Riverside Farm* 21409. Dam *Irene of Sussex* 25760.
Born Jan. 5, 1916. B. and O.: Paul Washburn, Leominster, Mass.

41333 **St. Frisco**
Sire *Bessie's Governor of Sunnyside* 30661. Dam *Sir Masher's Josephine of Sunnyside* 37560.
Born May 29, 1916. B. and O.: W. A. Alexander, Union Springs, N. Y.

41334 **Sunnyside Noble**
Sire *Cora's May King of Chilmark* 23465. Dam *Sunnyside Marie* 42697.
Born July 4, 1916. B. and O.: W. A. Alexander, Union Springs, N. Y.

41335 **The Guide**
Sire *Bessie's Governor of Sunnyside* 30661. Dam *Masher's Florence of Sunnyside* 26743.
Born July 24, 1916. B. and O.: Ray H. Alexander, Union Springs, N. Y.

41336 **Good Sir of Maurich**
Sire *Rockingham's Blue Blood* 29993. Dam *Lucretia of Waumesit* 29500.
Born May 25, 1916. B. and O.: Everett A. Bowen, Lakeville, Mass.

41337 **Julia's Lord Mar**
Sire *I Am a Raymond* 23250. Dam *Imp. Julia de Carteret XVII.* 25567.
Born June 16, 1916. B. and O.: Lovell Hutchens, Fort Atkinson, Wis.

41338 **Janus Moore's Duke**
Sire *Janus Moore of Oxford* 24415. Dam *Duke's Bonnie Maid* 51293.
Born March 7, 1916. B. and O.: N. P. Fry, Pennsdale, Pa.

41339 **Sarsura's Glenwood Boy**
Sire *Countess's Glenwood* 22789. Dam *Sarsura Girl* 37301.
Born Dec. 7, 1914. B. and O.: Levi O. Knudsen, Brodhead, Wis.

41340 **Gold Finder's Squire**
Sire *Gold Finder's Western Boy* 26186. Dam *Imp. Buttes Flower IV.* 54099.
Born July 24, 1916. B. and O.: C. L. Hawley, McCoy, Oregon.

41341 **Governor Manning**
Sire *Monarch of Cornwell* 22814. Dam *Fannie Fulsom* 23299.
Born May 5, 1916. B. and O.: H. T. Boyd, Cornwell, S. C.

41342 **Paul R.**
Sire *North American* 18539. Dam *Fenella Martin* 42155.
Born Feb. 24, 1916. B. and O.: Pope N. West, Waupaca, Wis.

41343 **Master of Deronda**
Sire *Arethusa's Heir of Village View* 20584. Dam *Janette of Pinecrest* 37783.
Born May 8, 1916. B. and O.: Andrew Eastlund, Nye, Wis.

41344 **El Cacique del Woodbine**
Sire *Rembrandt of Haddon* 17345. Dam *Juana of Woodbine* 66237.
Born June 1, 1916. B. and O.: John P. Ramsey, Charlotte, Vt.

41345 **Masher Golden of Greenfield**
Sire *Masher Golden 3d* 22594. Dam *Florence of Greenfield* 43576.
Born July 16, 1916. B. and O.: Frank Gick, Saratoga Springs, N. Y.

41346 **Fred of Star Valley**
Sire *Masher Golden 3d* 22594. Dam *Betsey of Greenfield* 47291.
Born Aug. 16, 1916. B. and O.: Frank Gick, Saratoga Springs, N. Y.

41347 **Old Home's King**
Sire *Park's Isabella's King* 25647. Dam *Cilmaenan Belle* 51870.
Born Sept. 13, 1915. B.: John H. Williams, Waukesha, Wis. O.: Old Home Stock Farm, Inc., Van Dyne, Wis.

41348 **Annie May's King of Four Leaf**
Sire *Park's Isabella's King* 25647. Dam *Annie May of Sunnyside* 55690.
Born Aug. 11, 1916. B.: George D. Lawson, Oconomowoc, Wis. O.: Aug. Heidmann, Algoma, Wis.

41349 **Tricksey's Pride of Four Leaf**
Sire *Park's Isabella's King* 25647. Dam *Tricksey's Lassie of Sunny Side* 52899.
Born Sept. 19, 1916. B.: George D. Lawson, Oconomowoc, Wis. O.: Aug. Heidmann, Algoma, Wis.

41350 **Dolly's Norman of Clover Hill**
Sire *Imp. Norman of Bickleigh* 30857. Dam *Imp. Dolly Grey of the Isle* 28367.
Born March 3, 1916. B. and O.: E. L. Thompson, Portland, Oregon.

41351 **Missy's Apiary King of Crystal Pond**
Sire *Jedetta's King of Pinehurst* 19632. Dam *Puritan's Missy of Crystal Pond* 42118.
Born March 15, 1916. B. and O.: Le Roy A. Buck, Groton, N. Y.

41352 **Kukumber**
Sire *Jedetta's King of Pinehurst* 19632. Dam *Faithful's Barbara* 44042.
Born March 24, 1916. B. and O.: Ernest B. Mead, Locke, N. Y.

41353 **Hermione's Fermain**
Sire *Fermain's Iowa Boy of the Oaks* 26643. Dam *Prince's Hermione* 54500.
Born Aug. 18, 1916. B. and O.: D. H. Looney, Jefferson, Oregon.

41354 **Nettle Hill Champion**
Sire *Duke of Nettle Hill* 27229. Dam *Queen of Nettle Hill* 33453.
Born June 21, 1916. B. and O.: Joseph Brennan, Cato, Wis.

41355 **Creamdale Bob**
Sire *Bob Rilma de Chêne* 30954. Dam *Lady Auricula 4th* 36219.
Born Aug. 24, 1916. B. and O.: J. Leonard Adsit, Baldwinsville, N. Y.

41356 **Plummer Farm Theodore**
Sire *Plummer Farm King of the Glenwoods* 36435. Dam *Dawn's Sapphire of Mapleton* 18149.
Born July 20, 1916. B. and O.: Charles B. Plummer, Wilmore, Pa.

41357 **Plummer Farm Billy**
Sire *Plummer Farm King of the Glenwoods* 36435. Dam *Plummer Farm Glenwood Sapphire* 55463.
Born July 27, 1916. B. and O.: Charles B. Plummer, Wilmore, Pa.

41358 **Pride of Brockett**
Sire *Imp. Honoria's Sequel III.* 31079. Dam *Imp. Raymond's Pride of the Hill* 54461.
Born April 4, 1916. B.: Henry A. Peck, Hammond, Wis. O.: D. B. Brockett, Spooner, Wis.

41359 **Astrid's Sequel of Walnut Ridge**
Sire *Astrid's Sequel of Denmark* 25105. Dam *Veranda of Waukesha* 51548.
Born Nov. 18, 1915. B. and O.: George S. Love, Waukesha, Wis.

41360 **William K. of Chalfont**
Sire *Mr. Garfinkel* 24695. Dam *Roselinda of Hilltown* 38752.
Born July 7, 1916. B. and O.: Ira W. Grass, Chalfont, Pa.

41361 **Zenda's Masher**
Sire *Masher Sequel Mapleton* 18437. Dam *Zenda Mapleton* 49394.
Born April 6, 1916. B. and O.: Frank McFee, Oneonta, N. Y.

41362 **Mapleton Masher**
Sire *Masher Sequel Mapleton* 18437. Dam *Imp. Rose of les Marais* 32045.
Born April 18, 1916. B. and O.: Frank McFee, Oneonta, N. Y.

41363 **Dolly Mapleton's Masher**
Sire *Masher Sequel Mapleton* 18437. Dam *Dolly Mapleton* 36880.
Born April 27, 1916. B. and O.: Frank McFee, Oneonta, N. Y.

41364 **Bonnie Lad of West Side**
Sire *Pardinee's Duke* 23233. Dam *Adeline of West Side* 53295.
Born April 23, 1916. B. and O.: Andrew Kolkind, Menomonie, Wis.

41365 **Granalta L. 2d's Boy**
Sire *Quaint's Lad* 25786. Dam *Granalta L. 2d* 31465.
Born April 2, 1916. B. and O.: Harold B. Douglas, Ferndale, Wash.

41366 **Homer Rosewood**
Sire *Homer Weshpi* 30741. Dam *Princess of Rosewood* 29195.
Born June 12, 1916. B. and O.: George B. Gilman, Garden City, Minn.

41367 **Bowood Hawthorn**
Sire *Don Bernardo of Linda Vista* 20617. Dam *Imp. Primrose III. of Les Houards* 36357.
Born July 18, 1916. B. and O.: L. F. Loree, West Orange, N. J.

41368 **Bowood Monarch**
Sire *Imp. Gold Raiser* 30002. Dam *Imp. Brittleware Rosemary* 48504.
Born Aug. 13, 1916. B. and O.: L. F. Loree, West Orange, N. J.

41369 **Glad Tidings Superior**
Sire *Guiding Star* 12423. Dam *Glad Tidings* 36773.
Born May 22, 1916. B.: Helendale Farms, Milwaukee, Wis. O.: C. E. Johnson, Ironwood, Mich.

41370 **Bonny Boy of Springbrook**
Sire *Yoko of Maplewood* 30851. Dam *Marcus Glenwood's Glory* 49278.
Born May 1, 1916. B. and O.: D. McGuire, Rush City, Minn.

41371 **Glencoe of Kineth Farms**
Sire *Diamond's Prince Golden* 29637. Dam *Aldermead's Trixie* 52714.
Born Aug. 6, 1916. B. and O.: J. H. Kineth, Coupeville, Wash.

41372 **Dimple Glen of Edgemont**
Sire *Belle's Pride of Valley View* 25635. Dam *Daisy Pearl of Valley View* 45171.
Born Aug. 3, 1916. B.: Frank Mensch, Bloomsburg, Pa. O.: T. E. Hyde, Bloomsburg, Pa.

41373 **Fanta Belle's Yeksa Hero**
Sire *Rose's Red Hero* 32185. Dam *Fanta Belle* 51955.
Born Aug. 17, 1916. B. and O.: Fredus Johnson, Brooklyn, Wis.

41374 **Imp. Kewessa**
Sire *Downe Star of Vimiera* (2935 E. G. H. B.) On Guernsey *Star of Vimiera* (R. G. A. S. 3478 P. S.) Dam *Imp. Donnington Hasel 2d* 59836.
Born Jan. 28, 1916. Imp. in dam. B.: D. C. Haldeman, England. O.: S. D. Riddle, Glen Riddle, Pa.

41375 **Catus Bud**
Sire *Imp. Lord Hiawatha* 28907. Dam *Imp. Downe Maudette* 59844.
Born May 21, 1916. B. and O.: S. D. Riddle, Glen Riddle, Pa.

41376 **Kenosha Boy**
Sire *Lillia's Kedge Anchor* 20361. Dam *Maid of Willow Brook* 46855.
Born March 5, 1916. B. and O.: Frank A. Runals, Kenosha, Wis.

41377 **May Rose-Starlight 4th**
Sire *May Rose-Starlight* 24803. Dam *Jean Du Luth Phyllis* 45611.
Born Dec. 6, 1915. B. and O.: Jean Du Luth Farm, Inc., Duluth, Minn.

41378 **Spot's Paddy**
Sire *Spot of the Plains* 26466. Dam *Polly of Mixter Farm* 42527.
Born Nov. 13, 1915. B. and O.: J. W. Brown, Brimfield, Mass.

41379 **Eudamar Farm Worker**
Sire *Ned of De Ruyter Stock Farm* 17072. Dam *Dora's Lebanon Princess* 37608.
Born July 4, 1914. B. and O.: N. J. Hitchcock, Lebanon, N. Y.

41380 **Durbar's Lamoille 2d**
Sire *Durbar's Lamoille* 36779. Dam *Lady Hectoria* 45739.
Born July 27, 1916. B. and O.: E. J. Blanchard, Hyde Park, Vt.

41381 **Willows Donnington Jack**
Sire *Yorick of the Willows* 25294. Dam *Imp. Donnington Joan 4th* 54012.
Born June 19, 1916. B. and O.: Augustine & Kyer, Seattle, Wash.

41382 **Willows Billy Verdun**
Sire *Yorick of the Willows* 25294. Dam *Imp. Flora of le Briquet* 25808.
Born June 22, 1916. B. and O.: Augustine & Kyer, Seattle, Wash.

41383 **Willows Earl Smart**
Sire *Caridad's Sequel of Overlook* 26312. Dam *Willows Flora* 53084.
Born June 26, 1916. B. and O.: Augustine & Kyer, Seattle, Wash.

41384 **Willows Noble**
Sire *Yorick of the Willows* 25294. Dam *Imp. England's Daisy* 54022.
Born July 21, 1916. B. and O.: Augustine & Kyer, Seattle, Wash.

41385 **Willows Chartreuse Wallient**
Sire *Wallient* 18740. Dam *Willow's Chartreuse* 42665.
Born July 31, 1916. B. and O.: Augustine & Kyer, Seattle, Wash.

41386 **Smith Raymond**
Sire *Rose's Raymond of Fritzlyn* 18546. Dam *Rowellan's Christina* 37225.
Born April 17, 1916. B. and O.: J. R. Hay & Son, South Montrose, Pa.

41387 **Raymond Judge**
Sire *Rose's Raymond of Fritzlyn* 18546. Dam *Homestead's Biserta 2d* 29289.
Born April 18, 1916. B. and O.: J. R. Hay & Son, South Montrose, Pa.

41388 **Raymond Lad**
Sire *Rose's Raymond of Fritzlyn* 18546. Dam *Almiriam* 48166.
Born April 26, 1916. B. and O.: J. R. Hay & Son, South Montrose, Pa.

41389 **Viscount of Lindacres**
Sire *Bellson* 8627. Dam *Jessie Viscount* 25481.
Born March 20, 1913. B.: J. J. Bean, Wausau, Wis. O.: A. P. Pope, Waupaca, Wis.

41390 **Woodrow Mapleton**
Sire *Willsie Boy* 29708. Dam *Lena Mapleton* 43452.
Born Jan. 28, 1916. B. and O.: Elizabeth Willson, Cherry Valley, N. Y.

41391 **Orange Beauty 2d's Judge**
Sire *May Rose Excelsior* 30694. Dam *Orange Beauty 2d* 25103.
Born June 18, 1916. B. and O.: Wallace Turner, Schuyler Falls, N. Y.

41392 **Vianna's General Bay**
Sire *General Bay* 16177. Dam *Vianna* 18612.
Born May 3, 1916. B. and O.: Paul D. Ives, Valley Falls, N. Y.

41393 **Bay King**
Sire *Ledyard May King* 34777. Dam *Margaret Bay* 46995.
Born June 4, 1916. B. and O.: Paul D. Ives, Valley Falls, N. Y.

41394 **Gulnare 20th's Captain**
Sire *Galaxy's France* 25691. Dam *Imp. Gulnare 20th* 32445.
Born June 1, 1916. B. and O.: A. E. Burnett & Son, Novelty, Ohio.

41395 **Fan's Hero of Pleasant View**
Sire *Raymond VI.'s Civilian of Lewison* 17821. Dam *Fan of Fairview* 40408.
Born June 19, 1916. B. and O.: Charles Schmidt, Wrightstown, Wis.

41396 **Raymond's St. Saviour's Prince**
Sire *Dairymaid's Prince* 26353. Dam *Raymond's Lily of St. Saviour's* 45374.
Born Jan. 10, 1916. B. and O.: W. J. Higdon, Tulare, Cal.

41397 **Angelina's King**
Sire *Dairymaid's Prince* 26353. Dam *Imp. Angelina of Ore Hill* 52270.
Born May 22, 1916. B. and O.: W. J. Higdon, Tulare, Cal.

41398 **Argie's Prince**
Sire *Dairymaid's Prince* 26353. Dam *Imp. Argie of Linwood* 51567.
Born June 30, 1916. B. and O.: W. J. Higdon, Tulare, Cal.

41399 **Prince of Goshen**
Sire *Prince of Litchfield* 18868. Dam *Mononette* 33455.
Born June 10, 1916. B. and O.: B. Austin Cheney, Litchfield, Conn.

41400 **Raymond of Verdun**
Sire *Raymond's Pioneer of Lewison* 19103. Dam *Glenstay's Cassifide* 20505.
Born June 10, 1916. B. and O.: B. Austin Cheney, Litchfield, Conn.

41401 **Hero of Falcon's Flight**
Sire *Prince of Litchfield* 18868. Dam *Bella of Falcon's Flight* 37576.
Born Aug. 18, 1916. B. and O.: B. Austin Cheney, Litchfield, Conn.

41402 **Agnes of Phillips' Duke**
Sire *Rival of Beaver Ridge* 21206. Dam *Agnes of Phillips* 52485.
Born Nov. 18, 1916. B. and O.: O. T. Mallory, Blissfield, Mich.

41403 **Glenwood's Sir Columbine**
Sire *Lilian Glenwood's Benton* 24551. Dam *Fairest of Wales* 31265.
Born June 1, 1916. B. and O.: George O. Lucia, Green Bay, Wis.

41404 **Glenwood's Hero Boy**
Sire *Violet's Boy* 22100. Dam *Glenwood's Martha W.* 40283.
Born June 4, 1916. B. and O.: George O. Lucia, Green Bay, Wis.

41405 **Imp. Palo Joker**
Sire *Elfordleigh Joke* (2730 E. G. H. B.) Dam *Imp. Rushington Princess 7th* 65685.
Born Oct. 12, 1916. Imp. in dam. B.: V. H. Birch-Reynardson, England. O.: Palo Alto Stock Farm, Palo Alto, Cal.

41406 **Imp. Palo Sailor King**
Sire On Guernsey *Sailor King* (R. G. A. S. 3364 P. S.)
Dam *Imp. Montrose IV.* 66982.
Born Oct. 16, 1916. Imp. in dam. B.: J. E. Le Page, Island of Guernsey. O.: Palo Alto Stock Farm, Palo Alto, Cal.

41407 **King Noble**
Sire *Noble of France* 20429. Dam *Masher's Nosegay of Clover Hill* 45790.
Born May 25, 1916. B. and O.: Floyd Southard, Ira, N. Y.

41408 **Comet of the Glen**
Sire *Zala of the Glen* 29058. Dam *Mimi of the Glen* 50977.
Born Nov. 4, 1916. B. and O.: H. A. C. Taylor, Newport, R. I.

41409 **Captain Burke**
Sire *Captain of Oak Ridge* 25601. Dam *Topsy's Jessie* 44782.
Born March 20, 1916. B. and O.: A. H. Lang, Toledo, Ohio.

41410 **Duke of Beach Farm**
Sire *Violet III.'s Son of Iowa* 24107. Dam *Fay Guernsey* 24838.
Born March 31, 1915. B. and O.: Campbell & Angevine, Coldwater, Mich.

41411 **May Rose Dimple of Edgemont**
Sire *Pinecrest Holliston France's Son* 26452. Dam *Lady Dimple of Edgemont* 39388.
Born March 8, 1916. B. and O.: T. E. Hyde, Bloomsburg, Pa.

41412 **Squire Beaulieu of Malvern**
Sire *Scotch Whiskey* 23713. Dam *Ann Beaulieu* 39803.
Born Aug. 22, 1916. B. and O.: H. B. Rosengarten, Malvern, Pa.

41413 **Dora's Governor of Sunny Valley**
Sire *Imp. Gay Boy of McKerrow Farms* 30406. Dam *Royaline's Dora 2d* 50836.
Born March 17, 1916. B. and O.: William M. Jones, Waukesha, Wis.

41414 **Dale Rose King of Jean Du Luth**
Sire *May King of Linda Vista* 17946. Dam *Dalena Trianon* 22598.
Born Aug. 1, 1916. B. and O.: Jean Du Luth Farm, Inc., Duluth, Minn.

41415 **Masher's Chilwick of Suburban Farm**
Sire *Caligula* 23329. Dam *Sunshine of Follyland* 39495.
Born Feb. 26, 1916. B. and O.: James H. Seaman, Glens Falls, N. Y.

41416 **Fairy of Bonnie Brae**
Sire *Picotte of Bon Ayre* 28371. Dam *Fairy's Queen* 16640.
Born Feb. 24, 1916. B. and O.: A. Remington, Eau Claire, Wis.

41417 **Prince Uneeda**
Sire *Uneeda's Stranford of Pinehurst* 15834. Dam *Servia Moses* 43226.
Born Jan. 19, 1916. B.: G. E. Foster, Cornville, Maine. O.: Herbert Gray, Enfield, Maine.

41418 **Starlight of Glenrock**
Sire *Warrior of Glenrock* 30265. Dam *Neith II.* 17067.
Born April 15, 1916. B. and O.: R. O. Jackson, Glenwood, Iowa.

41419 **Stranford's Arthur V. of Highland**
Sire *Rosalie's Stranford of Elmlawn* 31620. Dam *Golden Sequel of Highland* 53900.
Born May 23, 1916. B. and O.: J. H. Wellman, Gardiner, Maine.

41420 **Gallant Don Pogis**
Sire *Rookwood Lucky Jim* 23276. Dam *Gallant Baby Sue* 47815.
Born March 18, 1916. B. and O.: S. L. McConnell, Canonsburg, Pa.

41421 **Wabash**
Sire *Rookwood Lucky Jim* 23276. Dam *Imp. Cheminante XII.* 41621.
Born May 30, 1916. B. and O.: Charles A. McDonald, McDonald, Pa.

41422 **Bob's Busy Bee**
Sire *Bob Rilma's Monogram* 29095. Dam *Imp. Pioneer's Busy Bee* 21339.
Born June 24, 1916. B.: Ralph Tratt, Whitewater, Wis. O.: Wayne A. Munn, Janesville, Wis.

41423 **Royal Guide of City View**
Sire *Bell Buoy of Linda Vista* 19430. Dam *Imp. Beauty of Bel Air* 59636.
Born May 31, 1916. B. and O.: O. R. Schwalen, Roberts, Wis.

41424 **Emrique of Eastover**
Sire *Dawn's Pride of Waddington* 23307. Dam *Selma of Eastover* 54784.
Born Aug. 10, 1916. B.: Colgate Hoyt, Oyster Bay, N. Y. O.: C. K. G. Billings, Richmond, Va.

41425 **Gemina's Highland Demonstrator**
Sire *Highland Demonstrator* 30435. Dam *Gemina* 20650.
Born July 10, 1916. B. and O.: Helen S. Bush, Shelburne, Mass.

41426 **Sequel of Pine Grove**
Sire *Conyers Sequel* 22689. Dam *Hilda of Spring Brook* 25064.
Born Oct. 15, 1916. B. and O.: M. H. Packer, Milford, N. Y.

41427 **Masher's Nancy's Glenwood**
Sire *Show Me, I'm from Waukesha* 32176. Dam *Masher's Nancy* 45730.
Born May 30, 1916. B. and O.: H. N. Longley, Dousman, Wis.

41428 **Nelson Glenwood**
Sire *Show Me, I'm from Waukesha* 32176. Dam *Imp. Nelson's Duchess* 33109.
Born June 8, 1916. B. and O.: H. N. Longley, Dousman, Wis.

41429 **Laing Boy**
Sire *Hoichi's Horatio* 26867. Dam *Helen Kendall* 43463.
Born July 30, 1916. B. and O.: Frank Plumb, Saginaw, Mich.

41430 **Mosella's Messmate of Overlook**
Sire *Busy Bee's Messmate of Wawa* 24977. Dam *Mosella's Rose of Prospect* 15009.
Born Feb. 28, 1915. B. and O.: E. Schweizer, Boston, Ohio.

41431 **Marais' Gay Boy**
Sire *Imp. Gay Lad of Lone Pine* 17684. Dam *Imp. Pleasant of Les Marais* 31948.
Born March 24, 1916. B. and O.: Charles O. Govin, Menomonie, Wis.

41432 **Arete's King of the May**
Sire *Masherette's King of the May* 25298. Dam *Imp. Arete of Sarnia* 40213.
Born May 7, 1916. B. and O.: Charles A. Holm, Tigerton, Wis.

41433 **Norman Masher**
Sire *Masher Bass* 26366. Dam *Pride of the North* 32199.
Born May 12, 1916. B.: W. H. Allen, Chelsea, Wis. O.: A. T. Drackley, Marshfield, Wis.

41434 **Prince Rupert of Sunny Slope**
Sire *Pedro of Riverside* 29219. Dam *Mary of Sunny Slope* 44394.
Born April 18, 1916. B. and O.: Mrs. Sarah Tubbs, Whitewater, Wis.

41435 **Philip of Oak Grove**
Sire *McKerrow's Whimsome Aralian* 33192. Dam *Queen of Oak Grove* 44922.
Born Sept. 19, 1916. B.: Thomas Ellis, Endeavor, Wis. O.: Est. Thomas Ellis, Endeavor, Wis.

41436 **Butter Lad of Maple Spring Farm**
Sire *Marcus of Neill Heights* 28111. Dam *Helen of Good Intent Farm* 29285.
Born May 6, 1916. B. and O.: George M. Kelly, Washington, Pa.

41437 **Isaac of Koshkonong Place**
Sire *Giltedge of Koshkonong Place* 21989. Dam *Ione of Koshkonong Place* 49898.
Born April 28, 1916. B. and O.: A. R. Hoard, Fort Atkinson, Wis.

41438 **Glenwood of Grassmere**
Sire *Josh of Birchwood* 21653. Dam *Glenwood Lillian of Shioc* 49144.
Born March 20, 1916. B. and O.: W. W. Clark, Grand Rapids, Wis.

41439 **King Jacob**
Sire *King of the Roses* 26842. Dam *Alfreda's Vlex* 45406.
Born May 22, 1916. B.: Adolph Nuttleman, West Salem, Wis. O.: F. R. Allen, Ithaca, N. Y.

41440 **Harry Ferguson**
Sire *Richard of Allegheny Valley* 24156. Dam *Anna Ferguson* 39261.
Born July 31, 1916. B. and O.: B. F. Thompson, Sligo, Pa.

41441 **Wasteland Don**
Sire *Don El Toro of Linda Vista* 23567. Dam *Langwater Dolly Dollars* 21332.
Born July 23, 1916. B. and O.: M. M. Hollingsworth, Landenberg, Pa.

41442 **Nora's May King of Bayside**
Sire *Pinecrest May Prince* 21427. Dam *Nora of Bayside* 36826.
Born Aug. 6, 1916. B. and O.: Henry C. Everett, Barnstable, Mass.

41443 **Mouton's Yekstang**
Sire *Ada's Yekstang* 18283. Dam *Imp. Mouton of Sarnia* 40201.
Born Dec. 14, 1915. B. and O.: John J. Schwartz, Troy Center, Wis.

41444 **St. Austell Defiance**
Sire *Don Diavolo of Linda Vista* 23565. Dam *Imp. Ramée Victory II.* 36389.
Born Aug. 27, 1915. B. and O.: C. G. Parnall, Jackson, Mich.

41445 **Dexter's Velocidad**
Sire *Isinglass of Riverside Farm* 19559. Dam *Imp. Topsy Guilbert III.* 27543.
Born June 6, 1914. B. and O.: Thomas F. Dexter, Kent, Conn.

41446 **Allenwood Prince 2d**
Sire *Allenwood Prince* 28147. Dam *Village Lassie 3d* 46694.
Born May 24, 1916. B.: A. H. Burdick, Tomah, Wis. O.: F. R. Allen, Ithaca, N. Y.

41447 **Billy Boy of Richland**
Sire *Deanie's Raymond of Lewison* 13250. Dam *Laura of Richland* 21843.
Born Sept. 7, 1916. B. and O.: James B. Secrist, West Newton, Pa.

41448 **Albert's Townshend King**
Sire *Rose King of Onunda* 26462. Dam *Masher's Alice* 47390.
Born Aug. 27, 1916. B. and O.: Harry R. Barry, Far Hills, N. J.

41449 **Darby of Sepascot**
Sire *Imp. May's Governor* 30804. Dam *Imp. Fleurie of les Rues Frairies* 53802.
Born June 26, 1916. B.: F. S. Peer, Cranford, N. J. O.: Leslie Weaver, Rhinebeck, N. Y.

41450 **Jethro Bass's Sequel**
Sire *Jethro Bass* 11366. Dam *Grasslands Regina* 63307.
Born Feb. 11, 1916. B. and O.: Robert & Herbert Scoville, Taconic, Conn.

41451 **Signorina's King of Myrna Maree Farm**
Sire *King's Itchen King* 24661. Dam *Signorina of Chilmark* 34218.
Born Aug. 20, 1916. B. and O.: C. G. Wilderson, Leetonia, Ohio.

41452 **Primrose Lad**
Sire *Primrose Boy of Shady Nook* 28630. Dam *Ruby's Queen* 29277.
Born April 18, 1916. B. and O.: T. Taylor, Chagrin Falls, Ohio.

41453 **Owen's Boy of Spring Farm**
Sire *Pulias Lad* 27501. Dam *Imp. Polly of la Hougue* 47422.
Born Nov. 3, 1915. B. and O.: J. L. Davies, Waukesha, Wis.

41454 **Tricky Lad of Spring Farm**
Sire *Pulias Lad* 27501. Dam *Imp. Fancy III. de la Vieille Rue* 35483.
Born Nov. 4, 1915. B. and O.: J. L. Davies, Waukesha, Wis.

41455 **King Mataafa**
Sire *Langwater King of the May's Son* 20461. Dam *Bellevue Lily* 48573.
Born Aug. 28, 1916. B. and O.: F. E. Patterson, Greenville, Del.

41456 **Dumont's Minstrel**
Sire *Langwater King of the May's Son* 20461. Dam *Imp. Dumont's Lily II.* 25553.
Born Sept. 9, 1916. B. and O.: F. E. Patterson, Greenville, Del.

41457 **Rex of Rose Bank Farms**
Sire *Grasslands Roll of Honor* 18200. Dam *Burton Lady of Hop City L.* 16602.
Born Dec. 7, 1916. B. and O.: Myron H. Richardson, Littleton, N. H.

41458 **Woodlawn's Molly's Robert**
Sire *Langwater Royal 5th* 19332. Dam *Woodlawn's Molly* 28854.
Born April 29, 1916. B. and O.: George F. Shook, Spring Mills, Pa.

41459 **Woodlawn's Cora's Royal**
Sire *Langwater Royal 5th* 19332. Dam *Woodlawn's Cora* 28860.
Born Aug. 22, 1916. B. and O.: George F. Shook, Spring Mills, Pa.

41460 **Harvester of Broad Vista**
Sire *Province* 20502. Dam *Dawn of Broad Vista* 49810.
Born Aug. 11, 1916. B. and O.: Morrill Bros., Cornish, Maine.

41461 **Chief of Broad Vista**
Sire *Province* 20502. Dam *Golden Bess 2d* 35168.
Born Sept. 23, 1916. B. and O.: Morrill Bros., Cornish, Maine.

41462 **Master of Woodbine**
Sire *Rembrandt of Haddon* 17345. Dam *Queen Mab of Woodbine* 45535.
Born April 10, 1916. B. and O.: John P. Ramsey, Charlotte, Vt.

41463 **Pride of Crystal Creek**
Sire *Spotswood Sequel 3d* 34017. Dam *Daisy of Crystal Creek* 53274.
Born April 4, 1916. B. and O.: J. J. Jackson, Garrettsville, Ohio.

41464 **Spotswood Sequel 2d's Lad**
Sire *Spotswood Sequel 2d* 31605. Dam *Gay Lad's Charity* 49985.
Born May 11, 1916. B. and O.: J. J. Jackson, Garrettsville, Ohio.

41465 **Dan Sequel**
Sire *Astrid's Sequel of Denmark* 25105. Dam *Flossy May of Sunnyside* 42887.
Born July 3, 1916. B. and O.: Mitwede Bros., Waukesha, Wis.

41466 **Holden IV.'s May King**
Sire *Imp. Holden IV.* 12179. Dam *Graceful Maiden* 53155.
Born Sept. 20, 1916. B. and O.: H. P. Hamilton, Two Rivers, Wis.

41467 **Norad**
Sire *Archer of Paradise* 18367. Dam *Norine* 23688.
Born Oct. 1, 1914. B. and O.: W. H. Camp, Waterbury, Conn.

41468 **Adelon of Far View Farm**
Sire *Vulcan of Falcon's Flight* 29259. Dam *Nancy McD.* 41114.
Born Aug. 13, 1916. B. and O.: W. H. Camp, Waterbury, Conn.

41469 **Miss Greta's Raymond of Bellevue**
Sire *Raymond of Denmark* 22561. Dam *Sultan's Miss Greta* 35509.
Born Nov. 21, 1915. B.: Henry F. Hagemeister, Green Bay, Wis. O.: The Hagemeister Realty Co., Green Bay, Wis.

41470 **Gipsey's Tip**
Sire *Gladwater Chief* 31596. Dam *Gipsey's Queen of Harriton* 36483.
Born June 6, 1916. B. and O.: Maud Noble Harlan, Washington, D. C.

41471 **Brookside May Daisy's Perfection**
Sire *Imp. Hilltop Perfection* 33123. Dam *Imp. May Daisy III. of Laleur* 61279.
Born Sept. 18, 1916. B. and O.: Philip Schwartz, Suffield, Conn.

41472 **Brookside Sequel Perfection**
Sire *Imp. Hilltop Perfection* 33123. Dam *Imp. Vallon Cherub* 60647.
Born Oct. 10, 1916. B. and O.: Philip Schwartz, Suffield, Conn.

41473 **Leo of Maple Farm**
Sire *Chieftain of Maple Farm* 30601. Dam *Cream Cup of Riverview* 42116.
Born Sept. 12, 1916. B. and O.: Nelson H. Howe, McDonough, N. Y.

41474 **Bell Boy of Oakdale**
Sire *St. Elmo of Lakeside* 18080. Dam *Belle of Oakdale* 27891.
Born May 28, 1916. B. and O.: R. A. Wilkinson, Lake Elmo, Minn.

41475 **Rexmo of Oakdale**
Sire *St. Elmo of Lakeside* 18080. Dam *Rex Elita* 39135.
Born June 2, 1916. B. and O.: R. A. Wilkinson, Lake Elmo, Minn.

41476 **Harry Lauder of Utility**
Sire *May Rose's Masher of Utility* 28880. Dam *Masher's Rose of Utility* 50713.
Born July 5, 1916. B. and O.: J. M. Harvey, Waukesha, Wis.

41477 **Stephen of the Farms**
Sire *Stanley of Hillhurst* 14852. Dam *Delphine of Hillhurst* 34432.
Born May 7, 1916. B. and O.: L. W. Robinson, Troutville, Pa.

41478 **Kotelde's Star King of Rock**
Sire *Starlight King of Rock* 19749. Dam *Kotelde Starlight* 30886.
Born June 24, 1914. B. and O.: John Hetts, Fort Atkinson, Wis.

41479 **Lottie's King of Rock**
Sire *Starlight King of Rock* 19749. Dam *Lottie of Rock* 36720.
Born Nov. 20, 1914. B. and O.: John Hetts, Fort Atkinson, Wis.

41480 **Ideal Zeffres of Rock**
Sire *Ideal Boy of Birchwood* 19799. Dam *Rock Valley Zeffres* 30887.
Born Dec. 24, 1914. B. and O.: John Hetts, Fort Atkinson, Wis.

41481 **Starlight Boy of Rock**
Sire *Ideal Boy of Birchwood* 19799. Dam *Starlight of Rock* 36716.
Born April 11, 1915. B. and O.: John Hetts, Fort Atkinson, Wis.

41482 **Charlotte's King of Rock**
Sire *Ideal Boy of Birchwood* 19799. Dam *Charlotte of Lindenhurst* 26357.
Born May 14, 1915. B. and O.: John Hetts, Fort Atkinson, Wis.

41483 **Kotelde's King of Rock**
Sire *Starlight King of Rock* 19749. Dam *Kotelde* 16898.
Born March 22, 1914. B. and O.: John Hetts, Fort Atkinson, Wis.

41484 **Dawn's Stranford of Chesney Farms**
Sire *Dairymaid's Stranford of Pinehurst* 19003. Dam *Dawn of Maple Lane* 42050.
Born March 20, 1916. B. and O.: O. W. Lehmann, Lake Villa, Ill.

41485 **Lily Bell's Quartz Anchor**
Sire *Quartz 4th's Anchor* 19387. Dam *Lily Bell of Canterbury 6th* 26464.
Born Nov. 4, 1914. B.: Canterbury Shakers, East Canterbury, N. H. O.: O. W. Lehmann, Lake Villa, Ill.

41486 **Eldou of Chesney Farms**
Sire *Dairymaid's Stranford of Pinehurst* 19003. Dam *Rex Eldou 2d* 18763.
Born Sept. 28, 1915. B.: C. D. Ettinger, Tinley Park, Ill. O.: O. W. Lehmann, Lake Villa, Ill.

41487 **Val of Chesney Farms**
Sire *Dairymaid's Stranford of Pinehurst* 19003. Dam *Eugenie of Maple Glen* 21219.
Born Oct. 15, 1915. B.: C. D. Ettinger, Tinley Park, Ill. O.: O. W. Lehmann, Lake Villa, Ill.

41488 **Honeymoon's Bob of Chesney Farms**
Sire *Daisy Bell's Bob Rilma* 25209. Dam *Billy's France's Honeymoon of Lewison* 32491.
Born Oct. 16, 1915. B. and O.: O. W. Lehmann, Lake Villa, Ill.

41489 **Attwood's King**
Sire *Dalton* 25132. Dam *Cragston's Namouna of Attwood* 24419.
Born July 3, 1916. B. and O.: Est. John Hobart Warren, Hoosick Falls, N. Y.

41490 **Attwood's Ringleader**
Sire *Dalton* 25132. Dam *Valerine of Hoosick* 24496.
Born Aug. 21, 1916. B. and O.: Est. John Hobart Warren, Hoosick Falls, N. Y.

41491 **Prince Olaf of Jericho**
Sire *St. Austell Salient* 27555. Dam *Rine Glenwood* 43145.
Born Nov. 1, 1916. B. and O.: N. C. Dahl, South Haven, Mich.

41492 **Maple's Prince**
Sire *Princeling of Sunnybrook Farm* 26051. Dam *Maple of Louis Corners* 34438.
Born Sept. 24, 1916. B.: Alfred Voland, Kiel, Wis. O.: George Mattes, Kiel, Wis.

41493 **Overlook's Noble's Sequel**
Sire *Noble's Sequel of Fair View* 34144. Dam *Noble's Tango of Fair View* 52672.
Born March 9, 1916. B.: D. E. & Ella A. Eustis, Hammond, N. Y. O.: H. W. Trowbridge, Mexico, N. Y.

41494 **Lily Maid's Gay Boy of Ingalwood**
Sire *Golden King of Lone Pine* 26951. Dam *Lily Maid of Richmond* 15721.
Born May 3, 1916. B. and O.: G. R. Ingalls, Eau Claire, Wis.

41495 **Arthemise 2d's Prince**
Sire *Imp. Governor of la Forge* 28636. Dam *Imp. Arthemise 2d* 55134.
Born July 10, 1916. B. and O.: George H. Weston, Skowhegan, Maine.

41496 **Fi Fi's Marshall**
Sire *Windflower 3d's Marshall* 25286. Dam *Imp. Hayes Fi Fi 3d* 32403.
Born June 8, 1916. B. and O.: E. W. Oglebay, Bethany, W. Va.

41497 **Sunrise's Marshall**
Sire *Windflower 3d's Marshall* 25286. Dam *Imp. Diamond Sunrise* 37785.
Born July 1, 1916. B. and O.: E. W. Oglebay, Bethany, W. Va.

41498 **Glenwood's Governor of Bethany**
Sire *Governor's Raymond of Waddington* 31450. Dam *Dorothy Glenwood of Bloomingdale* 52170.
Born July 10, 1916. B. and O.: E. W. Oglebay, Bethany, W. Va.

41499 **Glenwood Raider**
Sire *Rosetta's Raider of Waddington* 27109. Dam *Glenwood's Chick of Elmcourt* 48177.
Born July 29, 1916. B. and O.: E. W. Oglebay, Bethany, W. Va.

41500 **King of Middleview**
Sire *Beauty II. des Rondiaux's King* 22146. Dam *Mabel of Clover Crest* 43977.
Born June 21, 1916. B. and O.: Ernest Schemer, Fowler, Mich.

41501 **Sandbur of Glen Echo**
Sire *Sandbur of Oak Ridge* 26908. Dam *Christiana of La Grange* 47535.
Born Aug. 18, 1916. B. and O.: C. B. Dulaney, Ruckersville, Va.

41502 **Glenwood of Sugar River**
Sire *Celosia's Glenwood of Sugar River* 30028. Dam *Glenwood Bonny Minnie* 41765.
Born May 27, 1916. B. and O.: Allie S. Knudson, Brodhead, Wis.

41503 **Tony of Good Hope**
Sire *Arroyo's Prince* 23623. Dam *Eveline of Good Hope* 56665.
Born April 16, 1916. B. and O.: Fred C. Hansen, Tigerton, Wis.

41504 **Brunette's Darwin of Matinecock**
Sire *Darwin of Tarbell Farms* 28644. Dam *Imp. Brunette of the Merriennes* 36301.
Born June 1, 1916. B.: Mrs. D. G. Geddes, Glen Cove, N. Y. O.: Harvey C. Craft, Glen Cove, N. Y.

41505 **Peach's Elsine of Brookdale**
Sire *Elsine of Maplehurst* 23021. Dam *Peach of Maplehurst* 43459.
Born June 14, 1916. B. and O.: B. H. Baker & Son, Bliss, N. Y.

41506 **Royal Jewel of Fonda**
Sire *Royal Jewel of Hop City* 29578. Dam *Jessie Fern of Hop City* 51792.
Born March 10, 1916. B. and O.: Jay C. Leonardson & Co., Fonda, N. Y.

41507 **Rose Cherub of Bailey Falls**
Sire *Imp. Hayes Cherub 2d* 25147. Dam *Glencoe's Hayes Rosie of Bailey Falls* 46601.
Born Nov. 7, 1915. B. and O.: Bailey Falls Farm, Oglesby, Ill.

41508 **Governor of Oakview**
Sire *Imp. Roberts' Boy of the Barras* 22446. Dam *Edith of Alfalfa Farms* 33184.
Born April 3, 1916. B. and O.: Louis S. Cox, Lawrence, Mass.

41509 **Sir Archibald of Elmwood**
Sire *Pep of Bellmath* 24516. Dam *Katrinka of Elmwood Farm* 40586.
Born May 23, 1916. B. and O.: G. B. Van Gelder, Canandaigua, N. Y.

41510 **Violet's Jeweller**
Sire *Jeweller of Summit Lake* 11977. Dam *Imp. Violet of Val du Sud* 43616.
Born May 18, 1916. B. and O.: Otteson & Ambal, Albert Lea, Minn.

41511 **General of The Run Farm**
Sire *Paul of Broadford* 16860. Dam *Lila's Genevieve* 56338.
Born May 7, 1916. B. and O.: C. A. Sherwood, Hilliards, Ohio.

41512 **Margaret's Champion**
Sire *Champion of Linwood* 22765. Dam *King Yeksa's Margaret* 32912.
Born May 10, 1916. B.: Crouch Bros., Hartland, Wis. O.: George McKerrow & Sons Co., Pewaukee, Wis.

41513 **Marcia's Glenwood of Sun Set View**
Sire *Marcia's Glenwood of Pinehurst's Hero* 27900. Dam *Golden Tidy* 23745.
Born June 7, 1916. B.: Peterson & Miller, Weyauwega, Wis. O.: C. A. Peterson & G. R. Miller, Weyauwega, Wis.

41514 **Wood Ford's Lord of Cromwell**
Sire *Box of the Glen* 15745. Dam *Wood Ford's Agnes* 48634.
Born Sept. 16, 1916. B. and O.: J. W. Alsop, Avon, Conn.

41515 **Lavanton's Gladstone**
Sire *Gladstone of Locust Grove Farm* 22403. Dam *Princess Antonia* 22940.
Born Nov. 12, 1915. B. and O.: Milton Campbell, Easton, Md.

41516 **Souvenir's Dan Patsy**
Sire *St. Austell Souvenir* 28040. Dam *Patsy's Pearl* 45263.
Born July 3, 1916. B. and O.: W. H. Umholtz, Niles, Mich.

41517 **Sir Stanley of Elgercon**
Sire *Pride of Day's Sultan* 25640. Dam *Elgercon Queen* 45920.
Born June 2, 1916. B. and O.: Mrs. Gertrude L. C. Tucker, Willoughby, Ohio.

41518 **Paula's Chêne**
Sire *Easter's Governor* 22599. Dam *Governor's Golden Paula* 37027.
Born Aug. 16, 1916. B. and O.: John C. Higgins, Delaware City, Del.

41519 **Stranford's Duke of Lone Willow Farm**
Sire *Rosalie's Stranford of Elmlawn* 31620. Dam *Country Maid of Highland* 42003.
Born May 21, 1916. B. and O.: J. H. Wellman, Gardiner, Maine.

41520 **Glenwood's Governor of Orchard Hill**
Sire *Royal Combination of Westmoreland* 24386. Dam *Sequel's Fern of Vashon* 52386.
Born June 20, 1916. B. and O.: Park Weed Willis, Seattle, Wash.

41521 **Fairview's Golden Wonder**
Sire *Jennie's Masher* 25851. Dam *Fairview's Golden Irene* 59192.
Born Sept. 18, 1916. B. and O.: Frank Grimm, Almond, Wis.

41522 **Belsire of Brooklawn**
Sire *Belsire* 18645. Dam *Muriel of Annandale* 47335.
Born Sept. 22, 1916. B. and O.: D. H. McAlpin, Morris Plains, N. J.

41523 **Criterion's Groveside**
Sire *Imp. Roberts' Criterion of Bellview* 26887. Dam *Imp. Miss Kelly* 36338.
Born Sept. 3, 1916. B.: F. B. Buckley, Valley Falls, N. Y. O.: Albert G. Buckley, Valley Falls, N. Y.

41524 **Roberts' Boy of Minnesota**
Sire *Imp. Roberts' Criterion of Bellview* 26887. Dam *Kelly's Lady of Bellview* 48019.
Born April 1, 1916. B.: Albert G. Buckley, Valley Falls, N. Y. O.: F. H. Gambell, Thief River Falls, Minn.

41525 **King Primrose**
Sire *May Rose King 2d* 13130. Dam *Imp. Primrose II. des Beaucamps* 49528.
Born June 21, 1916. B. and O.: Albert C. Loring, Minneapolis, Minn.

41526 **Hermosa's King**
Sire *May Rose King 2d* 13130. Dam *Hermosa McQueen 2d* 51761.
Born July 10, 1916. B. and O.: Albert C. Loring, Minneapolis, Minn.

41527 **King Prime**
Sire *May Rose King 2d* 13130. Dam *Primana* 18439.
Born July 29, 1916. B. and O.: Albert C. Loring, Minneapolis, Minn.

41528 **Countess Cora's King**
Sire *May Rose King 2d* 13130. Dam *Countess Cora of Woodend* 39328.
Born Sept. 8, 1916. B. and O.: Albert C. Loring, Minneapolis, Minn.

41529 **Squire of the Mayflowers**
Sire *Imp. Valentine's Squire* 28093. Dam *Mayflower Marshall 4th* 47979.
Born Oct. 20, 1916. B. and O.: Albert C. Loring, Minneapolis, Minn.

41530 **King Sunbeam**
Sire *May Rose King 2d* 13130. Dam *Sunbeam of Woodend* 32963.
Born Oct. 22, 1916. B. and O.: Albert C. Loring, Minneapolis, Minn.

41531 **Tonka Squire**
Sire *Imp. Valentine's Squire* 28093. Dam *Imp. Mysore's Sequel's Fanny* 51763.
Born Oct. 26, 1916. B. and O.: Albert C. Loring, Minneapolis, Minn.

41532 **Squire of Minnetonka**
Sire *Imp. Valentine's Squire* 28093. Dam *Fanny's Elf of Woodend* 51768.
Born Nov. 10, 1916. B. and O.: Albert C. Loring, Minneapolis, Minn.

41533 **Emerita's Squire**
Sire *Imp. Valentine's Squire* 28093. Dam *Emerita's Maid of Woodend* 47986.
Born Dec. 5, 1916. B. and O.: Albert C. Loring, Minneapolis, Minn.

41534 **Ariel's Dorio**
Sire *Imp. Morland Knight* 35323. Dam *Imp. Durrington Buttercup 3d* 60210.
Born May 19, 1916. B.: F. S. Peer, Cranford, N. J. O.: Ariel Mitchelson, Tariffville, Conn.

41535 **Osceola Secret**
Sire *Imp. Roberts' Secret* 30805. Dam *Imp. Vallon Dora* 50269.
Born May 12, 1916. B. and O.: F. S. Peer, Cranford, N. J.

41536 **Imp. Osceola Raymond**
Sire On Guernsey *Raymond of the Jaonnets* (R. G. A. S. 3525 P. S.) Dam *Imp. Beauty of Coin Colin II.* 65735.
Born June 15, 1916. Imp. in dam. B.: J. Nicolle, Island of Guernsey. O.: F. S. Peer, Cranford, N. J.

41537 **Allenwood Governor**
Sire *Imp. Gay Boy of McKerrow Farms* 30406. Dam *Imp. Burnell's Polly IV.* 28348.
Born Feb. 25, 1916. B.: William M. Jones, Waukesha, Wis. O.: C. C. Allen, Kenosha, Wis.

41538 **Allenwood Glensire**
Sire *Noble Regent* 31691. Dam *Allenwood Glenwood Girl* 48706.
Born Nov. 12, 1916. B. and O.: C. C. Allen, Kenosha, Wis.

41539 **Allenwood Glory**
Sire *Elsir of Glenburnie* 27424. Dam *Allenwood Pancha* 42705.
Born Dec. 17, 1916. B. and O.: C. C. Allen, Kenosha, Wis.

41540 **Johnny of Oil Creek**
Sire *Pride's Royal* 26828. Dam *Oil Creek Belle* 48670.
Born Nov. 11, 1916. B. and O.: H. D. Adams, Titusville, Pa.

41541 **Fred of Alban**
Sire *Casterilius of Garfield* 33015. Dam *Hole's Ella* 48667.
Born Sept. 26, 1916. B. and O.: Carl A. Hole, Rosholt, Wis.

41542 **Caddie's Lad of Four Pine**
Sire *Rose's May King of Meadow Farm* 33062. Dam *Little Cad* 36721.
Born Nov. 28, 1916. B. and O.: Fred K. Babson, Hinsdale, Ill.

41543 **Cherub's Prince**
Sire *Imp. Hayes Cherub 2d* 25147. Dam *Imp. Princess Bergère* 33074.
Born Oct. 8, 1916. B. and O.: W. W. Marsh, Waterloo, Iowa.

41544 **Trickster of Meadow Brook**
Sire *Mixter Caesar* 29299. Dam *Dorothy of Meadow Brook* 52029.
Born May 12, 1916. B. and O.: H. C. Grant, East Berkshire, Vt.

41545 **Sunbeam's Hardtack**
Sire *Star of Hartwood* 28737. Dam *Sunbeam's Princess of Sunny Side* 48126.
Born Sept. 13, 1916. B. and O.: Edgewater Stock Farm, Fort Atkinson, Wis.

41546 **Fauntleroy Prince of River View**
Sire *Imp. Lord Ponchez of Follyland* 23292. Dam *Zelia of Folly Land* 40606.
Born April 15, 1915. B.: Cary Lasher, Ballston Spa, N. Y. O.: J. D. Morrissey, Harvard, Idaho.

41547 **Pennington's Pioneer of Burkeville**
Sire *Aimable's Columbus of Oak Ridge* 26945. Dam *Glenwood's Fleurie of Oak Ridge* 47647.
Born Jan. 16, 1916. B.: Thomas F. Ryan, Oak Ridge, Va. O.: Boswell & Ingham, Burkeville, Va.

41548 **Foxy of Orchard Bluff**
Sire *King James of Wasteland* 25382. Dam *Violet of Locust Grove* 38950.
Born Aug. 1, 1916. B. and O.: W. W. Vandivort, Evans City, Pa.

41549 **Beulah's King James of Maple Grove**
Sire *King James of Wasteland* 25382. Dam *Beulah of MapleGrove* 37864.
Born Feb. 23, 1916. B. and O.: C. A. Freshcorn, Zelienople, Pa.

41550 **Standard of Overview**
Sire *Pomeroy* 17147. Dam *Alma of Levin* 25032.
Born July 2, 1916. B. and O.: M. E. Schwarz, Sparta, Wis.

41551 **Beauty's Prince of Overview**
Sire *Pomeroy* 17147. Dam *Beauty of Overview* 54423.
Born Aug. 5, 1916. B. and O.: M. E. Schwarz, Sparta, Wis.

41552 **Prince Hamlet of Maple Grove**
Sire *Pomeroy* 17147. Dam *Clio of Genesee* 34661.
Born Sept. 17, 1916. B.: M. E. Schwarz, Sparta, Wis. O.: John H. Firth, Lewiston, Minn.

41553 **Pencoyd's Golden Rule**
Sire *Langwater Pencoyd* 21830. Dam *Diana of Pencoyd* 38586.
Born Aug. 18, 1916. B. and O.: T. W. & I. W. Roberts, Bala, Pa.

41554 **David of the Maples**
Sire *Myrtle's King David* 13686. Dam *Bessie Marshall 2d* 34736.
Born Nov. 11, 1913. B. and O.: George S. Smith, Monmouth, Maine.

41555 **Billy of Buena Vista Hill Farm**
Sire *Golden King of Oakhurst* 25586. Dam *Moxie of Buena Vista Hill Farm* 43890.
Born Sept. 6, 1916. B. and O.: J. K. White, Groton, Vt.

41556 **Pearl's King of Adell**
Sire *Lullaby's Roy* 33010. Dam *Pearl of Ulao* 36319.
Born Feb. 27, 1916. B.: J. J. F. Winters, Sparta, Wis. O.: William L. Illian, Adell, Wis.

41557 **Johnny Rilma**
Sire *Tom Rilma* 22539. Dam *Beth of Willowdale* 24151.
Born March 12, 1916. B.: C. L. Sisson, Almond, N. Y. O.: D. R. Butler, Knoxville, Pa.

41558 **Kaiser Wilhelm of Rose City**
Sire *Chief of Rosemound* 23939. Dam *Yeksa Love Knot* 23807.
Born April 2, 1916. B. and O.: W. A. Goodin, Cornelius, Oregon.

41559 **Listowel's Lad**
Sire *Ladysmith's King* 31911. Dam *Listowel* 31007.
Born May 30, 1916. B. and O.: Isaac Leer, Coon Valley, Wis.

41560 **Boiken Wonderberry**
Sire *Gay Lad of Follyland* 25920. Dam *Shyster's Vivian* 41578.
Born May 26, 1916. B. and O.: Francis W. Borden, Schaghticoke, N. Y.

41561 **Colonel Richard**
Sire *Don Poncho* 20373. Dam *Kate D.* 26345.
Born Aug. 15, 1916. B. and O.: D. M. Lee, Fredericksburg, Va.

41562 **Century Star**
Sire *Elsbree's Governor S.* 26861. Dam *Golden Star of Pleasant View* 26524.
Born Sept. 16, 1916. B. and O.: J. S. Thurston, Athens, Pa.

41563 **Hilda's Sailor Boy of Elso Manor**
Sire *Imp. Sailor of the Long Ménage* 30665. Dam *Imp. Hilda III. of the Spurs* 47114.
Born Oct. 15, 1916. B. and O.: Frank H. Elsworth, Hopewell, N. J.

41564 **Jacob of Oak Grove**
Sire *Count Yeksava* 23924. Dam *Marion of Oak Grove* 35300.
Born Nov. 5, 1915. B. and O.: Thomas J. Ellis, Endeavor, Wis.

41565 **Unison of Old Homestead**
Sire *Jennie's Unison of Mentor Farm* 24597. Dam *Stella of Shady Lawn* 35445.
Born July 20, 1916. B. and O.: William P. Caldwell, Monongahela, Pa.

41566 **Warwick of Walnut Crest**
Sire *Glenwood's Bayside* 19825. Dam *Jeanette of Bonnymeade* 24915.
Born May 25, 1916. B. and O.: Clinton F. Rines, Westbrook, Maine.

41567 **Yeksa's Lewison of Meadowview**
Sire *Miriam's Son of Lewison* 16151. Dam *Yeksa of Hazelwood* 21445.
Born Aug. 31, 1916. B. and O.: M. M. Williams, Little Falls, Minn.

41568 **Mate's King of Anna Dean Farm**
Sire *Spotswood Daisy's May King* 26772. Dam *Mate o' Princess* 24671.
Born Sept. 16, 1916. Twin with cow No. 69739. B. and O.: O. C. Barber, Barberton, Ohio.

41569 **Darling's Majesty of A. D. F.**
Sire *Imp. Governor's Majesty* 24880. Dam *Imp. Darling of Anna Dean Farm* 47035.
Born Sept. 29, 1916. B. and O.: O. C. Barber, Barberton, Ohio.

41570 **Charlotte's Governor of A. D. F.**
Sire *Rita Spotswood's Governor* 18018. Dam *Imp. Galaxy's Sequel's Lady Charlotte* 32092.
Born Oct. 13, 1916. B. and O.: O. C. Barber, Barberton, Ohio.

41571 **Butter Girl's Governor of A. D. F.**
Sire *Daisy Pearl's Governor* 32130. Dam *Imp. Bisette's Butter Girl* 33019.
Born Oct. 16, 1916. B. and O.: O. C. Barber, Barberton, Ohio.

41572 **Corinna's Majesty of A. D. F.**
Sire *Imp. Governor's Majesty* 24880. Dam *Princess Corinna's Mabel* 39601.
Born Oct. 24, 1916. B. and O.: O. C. Barber, Barberton, Ohio.

41573 **Brookmead's Jewel**
Sire *Langwater Stars and Stripes* 21872. Dam *Sequel's Lillie of Soapstone* 27598.
Born June 16, 1916. B. and O.: Frank Graham Thomson, Devon, Pa.

41574 **Brookmead's Gipsy King**
Sire *Langwater Royal Master* 23663. Dam *Brookmead's Gipsy* 44349.
Born Aug. 10, 1916. B. and O.: Frank Graham Thomson, Devon, Pa.

41575 **Miss Jacqueminot's Jack**
Sire *Jacqueminot of Linda Vista* 23564. Dam *Darthea's Miss Jacqueminot* 51247.
Born June 6, 1916. B. and O.: C. M. McConnell, West Salem, Ohio.

41576 **Jacqueminot's Lieutenant**
Sire *Jacqueminot of Linda Vista* 23564. Dam *May's Pride of Thornwood* 37779.
Born June 11, 1916. B. and O.: C. M. McConnell, West Salem, Ohio.

41577 **Jacqueminot's Colonel**
Sire *Jacqueminot of Linda Vista* 23564. Dam *Darthea of Soapstone 2d* 24184.
Born June 24, 1916. B. and O.: C. M. McConnell, West Salem, Ohio.

41578 **Jacqueminot's Bob Burdette**
Sire *Jacqueminot of Linda Vista* 23564. Dam *Darthea Sunbeam* 40360.
Born Aug. 11, 1916. B. and O.: C. M. McConnell, West Salem, Ohio.

41579 **Napoleon of Sylvanite**
Sire *Austerlitz of Craigamoor* 31330. Dam *Lannie of Grenwode* 45215.
Born June 17, 1916. B. and O.: Richard F. Klemm, Baraboo, Wis.

41580 **Governor of Sylvanite**
Sire *Austerlitz of Craigamoor* 31330. Dam *Imp. Ruby Red of Castel* 54463.
Born Oct. 26, 1916. B. and O.: Richard F. Klemm, Baraboo, Wis.

41581 **Sylvanite Lord Austerlitz**
Sire *Austerlitz of Craigamoor* 31330. Dam *Glenwood's Myrna of Glen Gale* 40808.
Born Nov. 12, 1916. B. and O.: Richard F. Klemm, Baraboo, Wis.

41582 **Yeoman's Waldorf**
Sire *Yeoman's King of the May* 17053. Dam *Georgia of Mixter Farm* 38848.
Born Dec. 6, 1913. B.: Est. George Mixter, Hardwick, Mass. O.: Kinwood Realty Corporation, Albany, N. Y.

41583 **Mister Dimple of Welliversville**
Sire *Dimple Bloom 11th* 29903. Dam *Lady Longwick of Edgemont* 46874.
Born May 28, 1916. B. and O.: J. Frank Kline, Bloomsburg, Pa.

41584 **Yeoman's May King of Edgemont**
Sire *Yeoman's King of the May* 17053. Dam *Fairy Elsie* 19713.
Born July 30, 1914. B.: Est. George Mixter, Hardwick, Mass. O.: T. E. Hyde, Bloomsburg, Pa.

41585 **Sir Hardwick of Edgemont**
Sire *Belle's Pride of Valley View* 25635. Dam *Thirty Thousand Eight Hundred Sixty Seven* 30867.
Born July 24, 1916. B.: Frank Mensch, Bloomsburg, Pa. O.: T. E. Hyde, Bloomsburg, Pa.

41586 **Daisy's Dimple of Edgemont**
Sire *Dimple Bloom 11th* 29903. Dam *Daisy Dimple of Welliversville* 45200.
Born Aug. 26, 1916. B.: J. Frank Kline, Bloomsburg, Pa. O.: T. E. Hyde, Bloomsburg, Pa.

41587 **Cupid Junior of Sterling Farm**
Sire *Cupid of Rich Neck* 22538. Dam *Imp. Nel III. of Melrose* 35491.
Born Jan. 6, 1915. B. and O.: Albert Shaw, Sterling, Va.

41588 **Cupid's Boy of Sterling Farm**
Sire *Cupid of Rich Neck* 22538. Dam *Imp. Nel III. of Melrose* 35491.
Born April 23, 1916. B. and O.: Albert Shaw, Sterling, Va.

41589 **King Cupid of Sterling Farm**
Sire *Cupid of Rich Neck* 22538. Dam *Geneva of Walter Maple* 38325.
Born Oct. 27, 1916. B. and O.: Albert Shaw, Sterling, Va.

41590 **Dusk Glenwood's Pinero**
Sire *Dusk Glenwood* 16207. Dam *Etta of Green Bay* 19257.
Born Jan. 5, 1916. B. and O.: J. D. McAllister, Green Bay, Wis.

41591 **Raynold of Maple Grove**
Sire *Fanny's Raynold* 29238. Dam *Jenny S. 3d* 19258.
Born May 28, 1916. B. and O.: J. D. McAllister, Green Bay, Wis.

41592 **Raynold's Dusk**
Sire *Fanny's Raynold* 29238. Dam *Glenwood's Miss Martha* 44171.
Born May 30, 1916. B. and O.: J. D. McAllister, Green Bay, Wis.

41593 **Warrior of Maple Hill**
Sire *May King's Vrangue of Ingleside* 15430. Dam *Lassie of Maple Hill* 41441.
Born Aug. 30, 1916. B. and O.: Fruit Bros., Waukesha, Wis.

41594 **Pacific's Glen Yeksa**
Sire *Pacific's Glenwood Yeksa* 20601. Dam *Pacific's Glenwood Sequel* 40270.
Born April 14, 1916. B. and O.: C. S. Rasmussen, Loleta, Cal.

41595 **Pacific's May King Masher**
Sire *Isabella's May King of the Pacific* 30775. Dam *Goldenrod of Chestnut Hill* 25501.
Born April 12, 1916. B. and O.: C. S. Rasmussen, Loleta, Cal.

41596 **Chicona Postman**
Sire *Pearl's Fern Ridge King* 21492. Dam *Polly of Pencoyd 2d* 36496.
Born Aug. 24, 1916. B. and O.: Albion L. Gile, Chinook, Wash.

41597 **Chicona Landom**
Sire *Pearl's Fern Ridge King* 21492. Dam *Lucilla of Chicona* 37349.
Born Nov. 5, 1916. B. and O.: Albion L. Gile, Chinook, Wash.

41598 **Duke of Meadow Valley**
Sire *Lord's Golden Duke* 19085. Dam *Scintilla's Honey* 44932.
Born April 20, 1916. B. and O.: George Einfeldt, Greenwood, Wis.

41599 **Snip Ma Charmante**
Sire *Marshall Ma Charmante* 26615. Dam *Clarabelle of Maple Lodge* 47603.
Born May 26, 1916. B. and O.: Nathan C. True, Litchfield, Maine.

41600 **Polly's Prince**
Sire *Achsah's Prince Stranford* 32827. Dam *Jewel's Polly of Fairview* 53520.
Born Nov. 8, 1916. B. and O.: H. J. Dodge, Barre, Vt.

41601 **Wayfarer of Fairview**
Sire *Wayfarer of Waukesha* 32175. Dam *Lady Cordelia* 28031.
Born Oct. 10, 1916. B. and O.: S. C. Hooper, Palmyra, Wis.

41602 **Annetta's Prince**
Sire *Coral's Prince of Arvon* 22029. Dam *Annetta of Pine Mead Herd* 46439.
Born Nov. 1, 1915. B. and O.: C. H. Hartsock, Cardington, Ohio.

41603 **Kaiser of Beach Farm**
Sire *Rosette's Stranford of Ingleside* 22533. Dam *Imp. Berhou of Sarnia* 46588.
Born Aug. 23, 1915. B. and O.: Campbell & Angevine, Coldwater, Mich.

41604 **Pearlison of Beach Farm**
Sire *Horizon* 23091. Dam *White Pearl* 37257.
Born Nov. 21, 1915. B. and O.: Campbell & Angevine, Coldwater, Mich.

41605 **May King of Beach Farm**
Sire *Rosette's Stranford of Ingleside* 22533. Dam *Imp. Amateur of Sarnia* 46541.
Born Dec. 15, 1915. B. and O.: Campbell & Angevine, Coldwater, Mich.

41606 **W. A. Yeoman**
Sire *Yeoman of the Gleam* 25989. Dam *Glenwood's Lady Fantine* 51835.
Born June 28, 1916. B. and O.: William R. Burhopp, Marshfield, Wis.

41607 **Pine Hill Leander**
Sire *Maida's Leander* 29573. Dam *Marjorie of Oxford* 28054.
Born June 2, 1916. B. and O.: Frank W. Dann, Walton, N. Y.

41608 **Granger of Longview**
Sire *Chief of Indian Bridge* 28116. Dam *Dorothy of Longview* 50906.
Born Nov. 27, 1916. B. and O.: C. H. Stevens, Saint Johnsbury, Vt.

41609 **Maes Mawr Masher**
Sire *Maesmawr's King of the May* 20356. Dam *Imp. Rosalie of Sarnia* 35626.
Born June 4, 1916. B. and O.: W. D. Williams, Waukesha, Wis.

41610 **Reddy's Duke**
Sire *Due West* 26781. Dam *Reddy* 37381.
Born Oct. 20, 1916. B.: Hall Roberts, Postville, Iowa. O.: Est. Hall Roberts, Postville, Iowa.

41611 **Squaw's Boy**
Sire *Due West* 26781. Dam *Reddy's Squaw* 48901.
Born Oct. 26, 1916. B.: Hall Roberts, Postville, Iowa. O.: Est. Hall Roberts, Postville, Iowa.

41612 **Glenwood Prince of Chippewa**
Sire *Stranford's Glenwood of Pinehurst 6th* 16484. Dam *Princess Bloom of Chippewa* 44351.
Born May 30, 1916. B. and O.: L. P. Martiny, Chippewa Falls, Wis.

41613 **Belgrade**
Sire *Nadieno* 20432. Dam *Beldame* 17287.
Born June 3, 1916. B. and O.: J. L. Hope, Madison, N. J.

41614 **Imp. Ocean Blue**
Sire On Guernsey *Sailor Lad* (R. G. A. S. 3431 P. S.) Dam *Imp. Carrel's Beauty* 66017.
Born June 11, 1916. Imp. in dam. B.: H. J. Ozanne, Island of Guernsey. O.: J. L. Hope, Madison, N. J.

41615 **Leo Agathokles**
Sire *Leo Winnebago* 24663. Dam *Elfrita Emden* 64483.
Born Sept. 25, 1916. B. and O.: Friedrich Schley, Clintonville, Wis.

41616 **Gipsy Lad of Ballard Farm**
Sire *St. Austell Prince Charming* 34670. Dam *Gipsy of Windermere* 53408.
Born Aug. 31, 1916. B. and O.: Ballard Bros., Niles, Mich.

41617 **Imperial of Greenvale**
Sire *Imperial of Birchwood* 19271. Dam *Errant's Nellette* 40565.
Born July 19, 1916. B. and O.: Bryce McAdam, Mosinee, Wis.

41618 **Yellow Champion of Athens**
Sire *Gallant Champion* 16511. Dam *Duchess of Waukesha* 28199.
Born Sept. 14, 1916. B. and O.: William Lehmann, Athens, Wis.

41619 **Coquette's Ned**
Sire *Myra's Divan of Fairview* 28535. Dam *Coquette of Fairview* 23481.
Born Sept. 25, 1916. B.: Charles H. Foote, Burlington, Vt. O.: Clarence W. Urie, North Craftsbury, Vt.

41620 **Sam Oweenee**
Sire *Catoctin* 17845. Dam *Celia of Oakwood* 47801.
Born Sept. 15, 1916. B. and O.: J. H. Epps, Jonesboro, Tenn.

41621 **Oaklawn Boy**
Sire *Atlasta Kelly* 31897. Dam *Dewdrop of Oaklawn* 40999.
Born Nov. 3, 1916. B. and O.: Mrs. Fanny Macmillan Crane, Menomonie, Wis.

41622 **Mr. Rondy of Edgewater**
Sire *Rondy B. of Edgewater* 31178. Dam *Miss Watkins* 53994.
Born June 16, 1916. B. and O.: F. G. Benham, Canandaigua, N. Y.

41623 **Comet of Greenfield**
Sire *Torreador of Sunnyside* 29924. Dam *Star of Locktown* 17371.
Born July 5, 1916. B. and O.: James P. Risler, Stockton, N. J.

41624 **Torreador of Spring Farm**
Sire *Torreador of Sunnyside* 29924. Dam *Star's Alice Glenwood* 39155.
Born Sept. 13, 1916. B. and O.: James P. Risler, Stockton, N. J.

41625 **Juanita's Don El Toro**
Sire *Don El Toro of Linda Vista* 23567. Dam *Juanita of Wasteland* 44065.
Born Aug. 30, 1916. B. and O.: T. C. du Pont, Wilmington, Del.

41626 **Fernwood Son Alvah**
Sire *Chedda's Sequel* 21942. Dam *Fernwood of Hazelbrook* 54304.
Born June 13, 1916. B.: Est. W. L. Thompson, East Liverpool, Ohio. O.: Burton A. Beard, Calla, Ohio.

41627 **Legacy's Mar of Sigler Heights**
Sire *Galaxy's Mar* 20752. Dam *Topsy's Legacy* 44784.
Born May 11, 1916. B. and O.: W. E. Sigler, Cortland, Ohio.

41628 **James of Queen**
Sire *Glencoe's Son* 18809. Dam *Queen of Princess* 48226.
Born May 18, 1916. B. and O.: John Mack, New Ulm, Minn.

41629 **Jacky of Belle**
Sire *Glencoe's Son* 18809. Dam *Belle of Fairport* 21237.
Born Oct. 28, 1916. B. and O.: John Mack, New Ulm, Minn.

41630 **Olga Marie's Prince**
Sire *Golden Noble's Masterpiece* 31753. Dam *Imp. Princess Olga Marie III.* 61265.
Born Aug. 28, 1916. B.: F. S. Peer, Cranford, N. J. O.: Webster Griffith, Ebensburg, Pa.

41631 **Von Don Searl**
Sire *Stranford's Dick of Elmlawn* 33065. Dam *Von Don Sera* 36891.
Born June 8, 1916. B. and O.: C. G. Dondero, Augusta, Maine.

41632 **Von Don Nero**
Sire *Stranford's Dick of Elmlawn* 33065. Dam *Von Don Nettie* 50177.
Born June 27, 1916. B. and O.: C. G. Dondero, Augusta, Maine.

41633 **Von Don Selmo**
Sire *Stranford's Dick of Elmlawn* 33065. Dam *Von Don Selana* 45932.
Born June 29, 1916. B. and O.: C. G. Dondero, Augusta, Maine.

41634 **Zichri**
Sire *Imp. Governor of Beauregard* 24739. Dam *Nelson's Choiceness* 44413.
Born June 12, 1916. B. and O.: Charles Harshman, Menomonie, Wis.

41635 **Fanny's Duke**
Sire *King of the Roses* 26842. Dam *Imp. Fanny V. of la Grande Maison* 50342.
Born June 14, 1916. B. and O.: Adolph Nuttleman, West Salem, Wis.

41636 **Abbie's Frenchman of the Ridge**
Sire *Excelsior of Linwood* 27513. Dam *Abbie of Riverside* 25280.
Born April 28, 1916. B. and O.: Fred C. Gleason, Sodus, Mich.

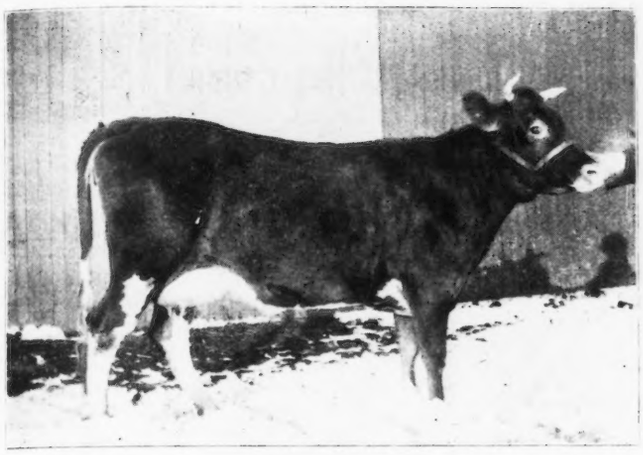
41637 **Bennie of the Ridge**
Sire *Excelsior of Linwood* 27513. Dam *Trixy of the Ridge* 42583.
Born May 24, 1916. B. and O.: Fred C. Gleason, Sodus, Mich.

41638 **Juanita's Golden Fruit**
Sire *Fruitful's Galaxy* 25509. Dam *Golden Juanita* 40572.
Born Aug. 6, 1916. B. and O.: Christian Tretsven, Luck, Wis.

41639 **Sayre's Choice**
Sire *Carwytham's Choice* 19136. Dam *Carwytham Daisy* 26893.
Born July 1, 1916. B.: Henry N. Corwith, Bridgehampton, N. Y. O.: Eugene Sayre, Bridgehampton, N. Y.

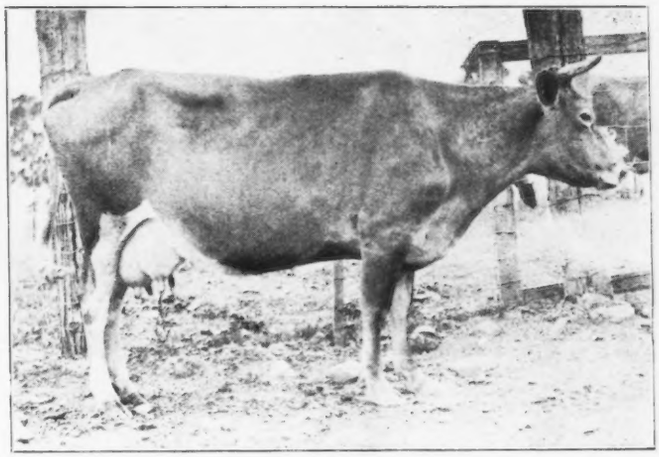
41640 **Sayre's Boy**
Sire *Carwytham's Choice* 19136. Dam *Virginia of Carwytham* 35585.
Born Sept. 9, 1916. B.: Henry N. Corwith, Bridgehampton, N. Y. O.: Eugene Sayre, Bridgehampton, N. Y.

THE ADVANCED REGISTER OF GUERNSEY CATTLE



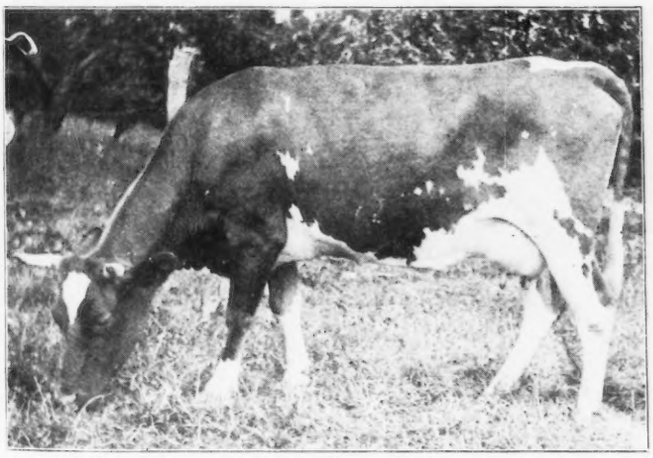
QUINTA 61454

Official year's record: 7333.50 lbs. milk; 401.36 lbs. butter fat.
A. R. 4942



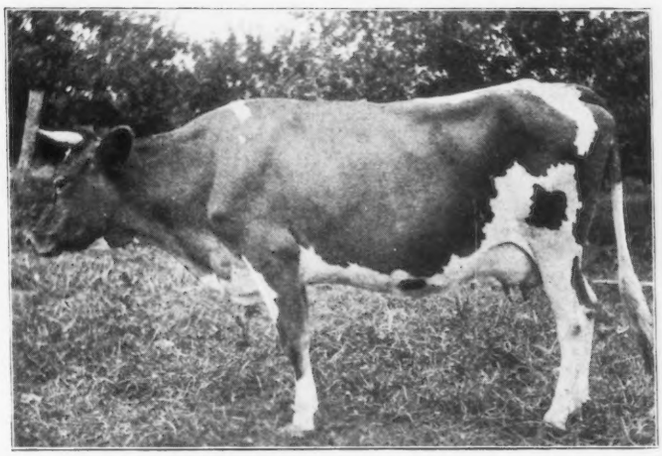
LIZETTA 3d 41183

Official year's record: 11987.60 lbs. milk; 556.37 lbs. butter fat.
A. R. 4948



MAY BAY 41189

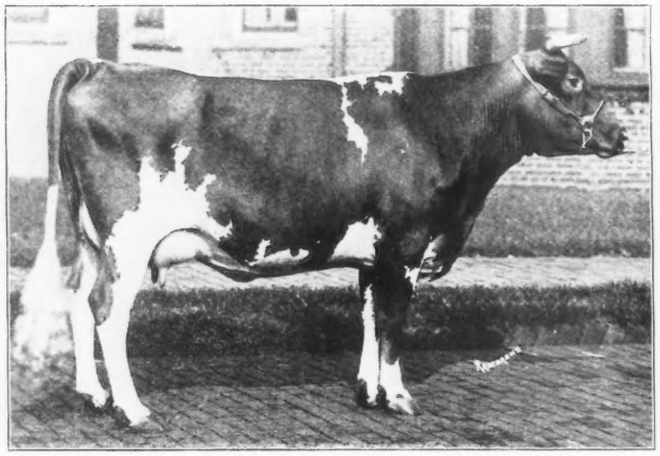
Official year's record: 7337.70 lbs. milk; 390.13 lbs. butter fat.
A. R. 4950



OLD FAITHFUL'S SIBYLLA 47763

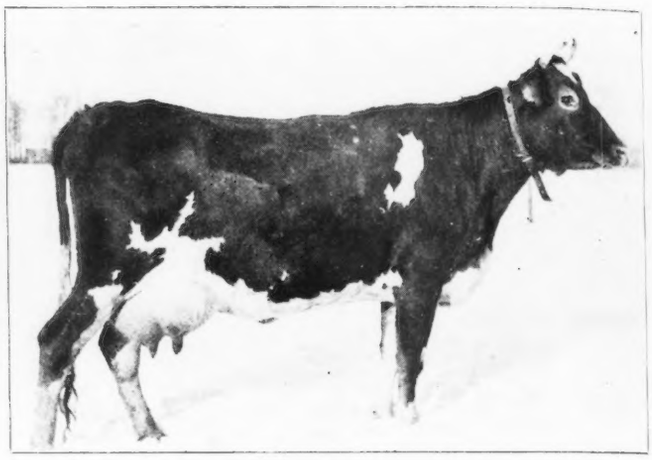
Official year's record: 9053.50 lbs. milk; 435.54 lbs. butter fat.
A. R. 4951

THE ADVANCED REGISTER OF GUERNSEY CATTLE



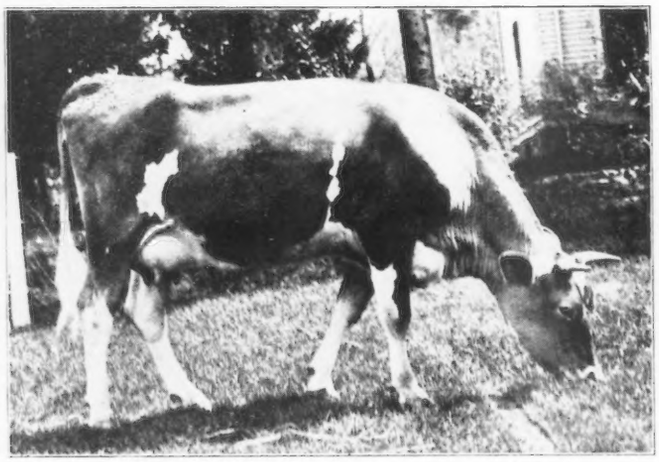
LANGWATER CHARITY 38605

Official year's record: 12668.80 lbs. milk; 634.77 lbs. butter fat.
A. R. 4964



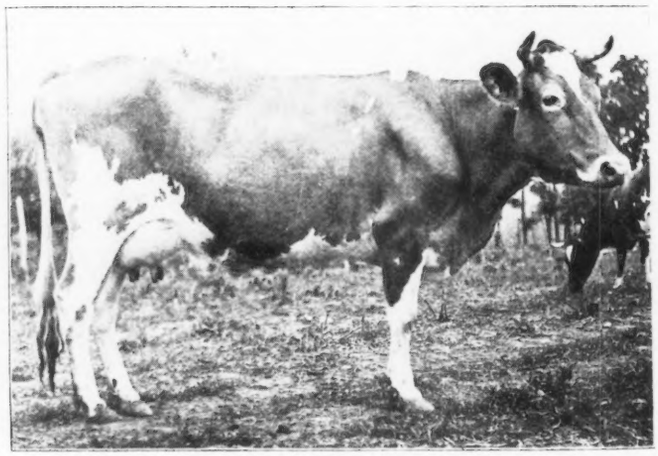
PRINCESS VIRGINIA 42460

Official year's record: 8125.00 lbs. milk; 409.72 lbs. butter fat.
A. R. 4971



LADY BELDORA OF THORNLIEBANK 49990

Official year's record: 8563.30 lbs. milk; 469.32 lbs. butter fat.
A. R. 4976



LEDYARD'S VON DAVREEDA 41186

Official year's record: 11391.00 lbs. milk; 591.34 lbs. butter fat.
A. R. 4977

4942 **Quinta 61454**

Sire The Country Gentleman of Edgewater (13898) A. R.
Sire Imp. Raynold (12178) A. R.
Dam Imp. Ladysmith of the Hunguets (22715) A. R. 1790.
Dam Alice T. (22232) A. R. 1689.
Sire Perry Penwyn (11644) A. R.
Dam Duchess of Maple Row (11165).
Breeder Est. H. E. Taber, Castile, N. Y.
Owner Est. H. E. Taber, Castile, N. Y.
Born July 19, 1913. *Calved* Nov. 11, 1915. *Served* Oct. 25, 1916.
Requirement for admission: 262.20 lbs. butter fat.

Official year's record: 7333.50 lbs. milk; 401.36 lbs. butter fat.

(Record from Nov. 14, 1915 to Nov. 13, 1916.)
Supervised under one day test by Cornell Agricultural Experiment Station, Ithaca, N. Y.

Year's Record		*Milk*	*Butter Fat*	
Nov.,	1915,	396.70 lbs.	5.22 %	20.71 lbs.
Dec.,	"	714.50 "	5.11 "	36.51 "
Jan.,	1916,	637.40 "	5.69 "	36.27 "
Feb.,	"	586.20 "	5.10 "	29.90 "
Mar.,	"	621.20 "	5.21 "	32.36 "
Apr.,	"	558.70 "	5.50 "	30.73 "
May,	"	674.20 "	6.15 "	41.46 "
June,	"	647.80 "	5.50 "	35.63 "
July,	"	564.30 "	5.33 "	30.08 "
Aug.,	"	560.90 "	5.58 "	31.30 "
Sept.,	"	548.30 "	5.70 "	31.25 "
Oct.,	"	579.70 "	5.29 "	30.67 "
Nov.,	"	243.60 "	5.95 "	14.49 "
Total		7333.50 lbs.	5.47 Av. %	401.36 lbs.

Owner's Statement of Feed

Nov., 1915. 4 to 8 lbs. grain daily of the following mixture: 200 lbs. bran, 100 lbs. each ground corn and oats, Distillers' Grains, Brewers' Grains, and gluten meal; 10 lbs. roots, 25 lbs. ensilage, hay.
Dec., 1915. 8 lbs. grain daily of the following mixture: 200 lbs. each bran and ground corn and oats, 100 lbs. each Distillers' Grains and gluten meal, 25 lbs. each cottonseed meal and oil meal; 10 lbs. roots, 30 lbs. ensilage, hay.
Jan., 1916. 8 lbs. grain daily of the following mixture: 200 lbs. each bran and ground corn and oats, 100 lbs. each Ajax Flakes, Brewers' Grains, and gluten meal, 25 lbs. each cottonseed meal and oil meal; 10 lbs. each beets and hay, 30 lbs. ensilage, 5 lbs. bean straw.
Feb., 1916. 8 lbs. grain daily of the following mixture: 200 lbs. each bran and ground corn and oats, 125 lbs. each Brewers' Grains and Distillers' Grains, 100 lbs. gluten meal, 25 lbs. each cottonseed meal and oil meal; 10 lbs. each beets and hay, 30 lbs. ensilage, 5 lbs. bean straw.
Mar., 1916. Same grain ration as given in February; 10 lbs. each beets and hay, 25 lbs. ensilage, 5 lbs. bean straw.
Apr., 1916. 8 lbs. grain daily to the 26th of the following mixture: 100 lbs. each bran, middlings, cottonseed meal, and oil meal, 25 lbs. ground corn and oats, 250 lbs. Ajax Flakes, 125 lbs. Brewers' Grains; last days total of 6 lbs. grain mixture of 7 lbs. bran and 3.25 lbs. oil meal; 40 lbs. ensilage, 5 lbs. bean pods, 8 lbs. alfalfa.
May, 1916. 8 lbs. grain daily of the following mixture: 100 lbs. each bran and middlings, 250 lbs. Ajax Flakes, 75 lbs. Brewers' Grains, 25 lbs. cottonseed meal; roughage same as April to the 10th, then pasture.
June, 1916. 7.5 lbs. grain daily of the following mixture: 200 lbs. bran, 100 lbs. each middlings and ground corn and oats, 50 lbs. each hominy, cottonseed meal, and oil meal, 125 lbs. Ajax Flakes; pasture.
July, 1916. 8 lbs. grain daily, 4 lbs. of each of the following mixtures: 200 lbs. bran, 100 lbs. each middlings and ground corn and oats, 50 lbs. each hominy and oil meal, 125 lbs. Ajax Flakes and 100 lbs. each bran, middlings, ground corn, and ground oats; pasture.
Aug., 1916. 7 lbs. grain daily, 2 lbs. of 100 lbs. each bran, ground corn, and ground oats and 5 lbs. of the following mixture: 200 lbs. each bran and D. D. D. Grains, 100 lbs. each middlings, ground corn and oats, hominy, gluten, cottonseed meal, and oil meal; 5 lbs. beets, 25 lbs. ensilage.
Sept., 1916. 7.5 lbs. grain daily, 2.5 lbs. of (1 lb. bran, 2 lbs. each ground corn and ground oats) and 5 lbs. of the following mixture: 200 lbs. each bran and D. D. D. Grains, 100 lbs. each middlings, hominy, ground corn and oats, gluten, cottonseed meal, and oil meal; 5 lbs. beets, 25 lbs. ensilage.
Oct., 1916. 7.5 lbs. grain daily to the 10th: 2.5 lbs. of equal parts each bran, ground corn, and ground oats and 5 lbs. of the following mixture: 200 lbs. each bran and D. D. D. Grains, 100 lbs. each ground corn and oats, hominy, gluten, cottonseed meal, and oil meal, 125 lbs. Brewers' Grains, then 10.5 lbs. of the same mixture; 30 lbs. ensilage, alfalfa.
Nov., 1916. 10 lbs. grain daily of the following mixture: 200 lbs. each bran and D. D. D. Grains, 100 lbs. each ground corn and oats, hominy, gluten, cottonseed meal, and oil meal, 125 lbs. Brewers' Grains; 30 lbs. ensilage, alfalfa and mixed hay.

4943 **Jessica of Sunnyside 26517**

Sire Sir Masher (11082) A. R.
Sire Imp. Masher's Galore (8572) A. R.
Dam Imp. Lady Archer XII. (17559) A. R. 473.
Dam Rosetta of Sunnyside (22441) A. R. 2864.
Sire Prince Lawton (7696) A. R.
Dam Tritoma of the Glen (18289).
Breeder W. A. Alexander, Union Springs, N. Y.
Owner Edgar S. Payne, Penn Yan, N. Y.
Born Oct. 17, 1908. *Calved* Dec. 8, 1915. *Served* June 21, 1916.
Requirement for admission: 360.00 lbs. butter fat.

Official year's record: 9079.30 lbs. milk; 460.37 lbs. butter fat.

Supervised under one day test by Cornell Agricultural Experiment Station, Ithaca, N. Y.

Year's Record		*Milk*	*Butter Fat*	
Jan.,	1916,	987.00 lbs.	4.51 %	44.51 lbs.
Feb.,	"	833.00 "	5.49 "	45.73 "
Mar.,	"	837.20 "	4.67 "	39.10 "
Apr.,	"	790.20 "	5.30 "	41.88 "
May,	"	850.50 "	5.36 "	45.59 "
June,	"	901.40 "	5.12 "	46.15 "
July,	"	839.30 "	4.18 "	35.08 "
Aug.,	"	680.40 "	4.85 "	33.00 "
Sept.,	"	701.60 "	4.93 "	34.59 "
Oct.,	"	572.40 "	5.95 "	34.06 "
Nov.,	"	549.50 "	5.66 "	31.10 "
Dec.,	"	536.80 "	5.51 "	29.58 "
Total		9079.30 lbs.	5.07 Av. %	460.37 lbs.

Feed

Jan., 1916. 10 lbs. grain daily of 5 lbs. bran, 2.5 lbs. ground oats, and 1.25 lbs. each ground buckwheat and cottonseed meal; 10 lbs. roots, 30 lbs. ensilage, alfalfa.
Feb., 1916. Same grain ration as January to the 9th, then 10 lbs. daily of the following mixture: 400 lbs. bran, 200 lbs. (oats, peas, and barley), 100 lbs. each ground buckwheat and cottonseed meal; 10 lbs. roots, 25 lbs. ensilage, hay.
Mar., 1916. Same grain ration as last of February to the 13th, then 10 lbs. daily of the following mixture: 400 lbs. bran, 200 lbs. (oats, peas, and barley), 100 lbs. cottonseed meal; 10 lbs. roots, 25 lbs. ensilage, alfalfa.
Apr., 1916. Same ration as last of March.
May, 1916. Same ration as last of March to the 7th, 10 lbs. grain daily from the 8th to the 19th of the following mixture: 200 lbs. each Distillers' Grains and (oats, peas, and barley), 100 lbs. cottonseed meal, then 8 lbs. of 300 lbs. each bran and Distillers' Grains, 100 lbs. each (oats, peas, and barley) and cottonseed meal; 2 lbs. beet pulp from the 10th to the 20th, 25 lbs. ensilage to the 8th, hay to the 11th then pasture.
June, 1916. 7 lbs. grain daily to the 14th of the same mixture as last of May, then of the following mixture: 400 lbs. bran, 200 lbs. Distillers' Grains, 100 lbs. cottonseed meal; pasture.
July, 1916. 7 lbs. grain daily of the following mixture: 400 lbs. bran, 300 lbs. Distillers' Grains, 100 lbs. cottonseed meal; pasture.
Aug., 1916. 6 lbs. grain daily to the 19th of the following mixture: 400 lbs. bran, 100 lbs. each (oats, peas, and barley), cottonseed meal, and beet pulp, then of the following mixture: 400 lbs. bran, 100 lbs. each wheat middlings, ground buckwheat, cottonseed meal, and beet pulp; alfalfa pasture.
Sept., 1916. 6 lbs. grain daily to the 5th of the same mixture as last of August, from the 6th to the 21st of the following mixture: 200 lbs. bran, 100 lbs. each ground buckwheat, (oats, peas, and barley), cottonseed meal, and beet pulp, then 6 lbs. of Anchor Brand Dairy Ration and molasses feed; pasture.
Oct., 1916. 6 lbs. Anchor Brand Dairy Ration daily to the 11th, then of 200 lbs. each bran and wheat middlings, 100 lbs. cottonseed meal; pasture.
Nov., 1916. 6 lbs. Unicorn Dairy Ration daily; 35 lbs. ensilage from the 17th, hay.
Dec., 1916. 6 lbs. Union Grains daily to the 11th, then of 200 lbs. each bran and gluten, 100 lbs. cottonseed meal; 30 lbs. ensilage, hay.

4944 **Violet of Pine Ridge 57526**

Sire Sir Beaulieu of Lewison (12736) A. R.
Sire Imp. Lord Mysie (11357).
Dam Imp. Daisy VI. of Beaulieu (21295).
Dam Carolotta's Queen (48633) A. R. 4509.
Sire Sir Beaulieu of Lewison (12736) A. R.
Dam Carolotta of Sunnyside (26513).
Breeder Fred A. Payne, Penn Yan, N. Y.
Owner Edgar S. Payne, Penn Yan, N. Y.
Born Dec. 1, 1913. *Calved* Dec. 16, 1915. *Served* Apr. 21, 1916.
Requirement for admission: 253.50 lbs. butter fat.

Official year's record: 7091.20 lbs. milk; 390.32 lbs. butter fat.

Supervised under one day test by Cornell Agricultural Experiment Station, Ithaca, N. Y.

Year's Record		*Milk*	*Butter Fat*	
Jan.,	1916,	721.80 lbs.	5.25 %	37.89 lbs.
Feb.,	"	626.70 "	5.56 "	34.84 "
Mar.,	"	615.40 "	5.79 "	35.63 "
Apr.,	"	585.30 "	6.12 "	35.82 "
May,	"	690.50 "	5.34 "	36.87 "
June,	"	723.50 "	5.16 "	37.33 "
July,	"	651.30 "	4.62 "	30.09 "
Aug.,	"	627.80 "	5.25 "	32.96 "
Sept.,	"	563.80 "	5.76 "	32.47 "
Oct.,	"	503.10 "	5.90 "	29.68 "
Nov.,	"	423.70 "	5.79 "	24.53 "
Dec.,	"	358.30 "	6.20 "	22.21 "
Total		7091.20 lbs.	5.50 Av. %	390.32 lbs.

Feed

Jan., 1916. 8 lbs. grain daily of 4 lbs. bran, 2 lbs. ground oats, and 1 lb. each buckwheat and cottonseed meal; 10 lbs. roots, 30 lbs. ensilage, alfalfa.
Feb., 1916. Same grain ration as January to the 9th, then 8 lbs. daily of the following mixture: 400 lbs. bran, 200 lbs. (oats, peas, and barley), 100 lbs. each ground buckwheat and cottonseed meal; 10 lbs. roots, 25 lbs. ensilage, alfalfa.
Mar., 1916. 8 lbs. grain daily to the 13th same mixture as last of February, then of the following mixture: 400 lbs. bran, 200 lbs. (oats, peas, and barley), 100 lbs. cottonseed meal; 10 lbs. roots, 25 lbs. ensilage, alfalfa.
Apr., 1916. 8 lbs. grain daily same mixture as last of March; same roughage.
May, 1916. Same ration as last of March to the 7th, 8 lbs. grain daily from the 8th to the 19th of the following mixture: 200 lbs. each Distillers' Grains and (oats, peas, and barley), 100 lbs. cottonseed meal, then 7 lbs. of 300 lbs. each bran and Distillers' Grains, 100 lbs. each (oats, peas, and barley) and cottonseed meal; 2 lbs. beet pulp from the 10th to the 20th, 25 lbs. ensilage to the 8th, hay to the 11th then grass.
June, 1916. 7 lbs. grain daily to the 14th of the same mixture as last of May, then of 400 lbs. bran, 200 lbs. Distillers' Grains, 100 lbs. cottonseed meal; pasture.
July, 1916. 7 lbs. grain daily of the following mixture: 400 lbs. bran, 300 lbs. Distillers' Grains, 100 lbs. cottonseed meal; pasture.
Aug., 1916. 6 lbs. grain daily to the 19th of the following mixture: 400 lbs. bran, 100 lbs. each (oats, peas, and barley), cottonseed meal, and beet pulp, then of 400 lbs. bran, 100 lbs. each wheat middlings, ground buckwheat, cottonseed meal, and beet pulp; alfalfa pasture.
Sept., 1916. 6 lbs. grain daily to the 5th same mixture as last of August, from the 6th to the 21st of 200 lbs. bran, 100 lbs. each ground buckwheat, (oats, peas, and barley), cottonseed meal, and beet pulp, then 6 lbs. of Anchor Brand Dairy Ration and molassine feed; pasture.
Oct., 1916. 6 lbs. Anchor Brand Dairy Ration to the 11th, then 6 lbs. grain daily of the following mixture: 200 lbs. each bran and wheat middlings, 100 lbs. cottonseed meal; hay and pasture.
Nov., 1916. 6 lbs. Unicorn Dairy Ration daily; 35 lbs. ensilage from the 17th, hay.
Dec., 1916. 6 lbs. Union Grains daily to the 11th, then of 200 lbs. each bran and gluten, 100 lbs. cottonseed meal; 30 lbs. ensilage, hay.

4945 **Orlette's Fancy Lassie 55016**

Sire Imp. Fancy Boy (19948).
Sire On Guernsey Signal Jewel (R. G. A. S. 2265 P. S.) A. R.
Dam Imp. Fancy II. de la Vieille Rue (35398).
Dam Queen's Orlette (44173) A. R. 2852.
Sire The Country Gentleman of Edgewater (13898) A. R.
Dam Reservation Queen (22233) A. R. 1718.
Breeder Est. H. E. Taber, Castile, N. Y.
Owner The State Agricultural College, Fort Collins, Colo.
Born Apr. 15, 1913. *Calved* July 20, 1915. *Served* Sept. 24, 1915. *Calved* July 9, 1916.
Requirement for admission: 260.30 lbs. butter fat.

Official year's record: 6322.10 lbs. milk; 341.59 lbs. butter fat.

(Record from July 23, 1915 to July 22, 1916.)
Supervised under one day test by Cornell Agricultural Experiment Station, Ithaca, N. Y.

Year's Record		*Milk*	*Butter Fat*	
July,	1915,	192.30 lbs.	4.60 %	8.85 lbs.
Aug.,	"	766.90 "	4.60 "	35.28 "
Sept.,	"	705.40 "	4.61 "	32.52 "
Oct.,	"	661.50 "	5.00 "	33.08 "
Nov.,	"	549.80 "	5.45 "	29.96 "
Dec.,	"	542.20 "	5.41 "	29.33 "
Jan.,	1916,	532.40 "	5.95 "	31.68 "
Feb.,	"	461.90 "	6.09 "	28.13 "
Mar.,	"	509.60 "	5.74 "	29.25 "
Apr.,	"	501.20 "	5.75 "	28.82 "
May,	"	536.70 "	6.10 "	32.74 "
*June,	"	362.20 "	6.06 "	21.95 "
July,	"	No record given.		
Total		6322.10 lbs.	5.40 Av. %	341.59 lbs.

*7 days lacking.

Owner's Statement of Feed

July, 1915. 4 to 8 lbs. grain daily of the following mixture: 200 lbs. each bran and Grandin Stock Feed, 50 lbs. each gluten meal, Extra Vim, cottonseed meal, and oil meal, 100 lbs. Ajax Flakes; pasture.
Aug., 1915. 8 lbs. grain daily of the following mixture: 100 lbs. each bran, gluten, Grandin Stock Feed, and cottonseed meal, 125 lbs. each Ajax Flakes and Brewers' Grains, 50 lbs. Extra Vim; pasture.
Sept., 1915. 8 lbs. grain daily of the following mixture: 100 lbs. each bran, ground oats and peas, Grandin Stock Feed, Ajax Flakes, gluten, and cottonseed meal; pasture.
Oct., 1915. 8 lbs. grain daily of the following mixture: 200 lbs. bran, 100 lbs. each corn and oats, Ajax Flakes, Brewers' Grains, and gluten meal; 20 lbs. ensilage, 5 lbs. alfalfa, pasture.
Nov., 1915. 8 lbs. grain daily of the following mixture: 200 lbs. bran, 100 lbs. each corn and oats, Brewers' Grains, Distillers' Grains, and gluten meal; 10 lbs. roots, 25 lbs. ensilage.
Dec., 1915. 8 lbs. grain daily of the following mixture: 200 lbs. each bran and corn and oats, 100 lbs. each Distillers' Grains and gluten meal, 25 lbs. each cottonseed meal and oil meal; 10 lbs. roots, 30 lbs. ensilage, mixed hay.
Jan., 1916. 8 lbs. grain daily of the following mixture: 200 lbs. each bran and corn and oats, 100 lbs. each Ajax Flakes, Brewers' Grains, and gluten meal, 25 lbs. each cottonseed meal and oil meal; 10 lbs. each beets and hay, 30 lbs. ensilage, 5 lbs. bean straw.
Feb., 1916. 6 lbs. grain daily of the following mixture: 200 lbs. each bran and corn and oats, 125 lbs. each Brewers' Grains and Distillers' Grains, 100 lbs. gluten meal, 25 lbs. each cottonseed meal and oil meal; 10 lbs. each beets and hay, 5 lbs. bean straw, 30 lbs. ensilage.
Mar., 1916. 8 lbs. grain daily same mixture as February; 10 lbs. each beets and hay, 5 lbs. bean straw, 25 lbs. ensilage.
Apr., 1916. 8 lbs. grain daily of the following mixture: 100 lbs. each bran, middlings, cottonseed meal, and oil meal, 25 lbs. corn and oats, 250 lbs. Ajax Flakes, 125 lbs. Brewers' Grains; 40 lbs. ensilage, 5 lbs. bean pods, 8 lbs. alfalfa.
May, 1916. 8 lbs. decreasing to 1 lb. grain daily to the 26th of the following mixture: 100 lbs. each bran and middlings, 75 lbs. Brewers' Grains, 250 lbs. Ajax Flakes, 25 lbs. cottonseed meal, then no grain given; pasture.
June, 1916. Pasture.

4946 Marietta of Maple Hill 41232

Sire Langwater Hayes Rosie's King of the May (16723) A. R.
Sire Imp. King of the May (9001) A. R.
Dam Langwater Hayes Rosie (24200) A. R. 1312.
Dam Glencoe's Marietta (26467) A. R. 2718.
Sire Glencoe's Canterbury (7728) A. R.
Dam Hawthorne's Marietta (19163) .
Breeder Fruit Brothers, Waukesha, Wis.
Owner Fruit Brothers, Waukesha, Wis.
Sold Jan. 4, 1916 to George W. Browne, Waukesha, Wis.
Born Jan. 14, 1912. *Calved* Oct. 13, 1915. *Served* July 6, 1916.
Requirement for admission: 316.00 lbs. butter fat.

Official year's record: 12973.90 lbs. milk; 640.25 lbs. butter fat.

Supervised by Wisconsin Agricultural Experiment Station.

Year's Record	*Milk*	*Butter Fat*	
Nov., 1915,	1095.50 lbs.	4.56 %	49.95 lbs.
Dec., "	1224.80 "	4.77 "	58.40 "
Jan., 1916,	1125.90 "	4.80 "	54.04 "
Feb., "	1207.10 "	4.89 "	59.03 "
Mar., "	1093.90 "	4.95 "	54.15 "
Apr., "	1054.20 "	4.98 "	52.50 "
May, "	1123.70 "	5.14 "	57.76 "
June, "	1004.20 "	4.91 "	49.31 "
July, "	1012.10 "	5.28 "	53.44 "
Aug., "	1003.10 "	4.74 "	47.55 "
Sept., "	991.20 "	4.94 "	48.97 "
Oct., "	1038.70 "	5.31 "	55.15 "
Total	12973.90 lbs.	4.93 Av. %	640.25 lbs.

Feed

Nov., 1915. 11 lbs. grain daily of the following mixture: 1 part each bran, corn meal, ground oats, and Ajax Flakes, .5 part oil meal; 2 lbs. molasses, 1 lb. beet pulp, 20 lbs. each roots and ensilage, alfalfa hay.
Dec., 1915. 12 lbs. grain daily of the following mixture: 1 part each bran, corn meal, and oil meal, 1.25 parts each ground oats and Ajax Flakes, .5 part gluten; 2 lbs. molasses, 1 lb. beet pulp, 24 lbs. roots, 25 lbs. ensilage, alfalfa hay.
Jan., 1916. 11.5 lbs. grain daily of the following mixture: 50 lbs. bran, 60 lbs. corn meal, 150 lbs. ground oats, 160 lbs. Ajax Flakes, 100 lbs. gluten, 40 lbs. oil meal; 22 lbs. each roots and ensilage, alfalfa hay.
Feb., 1916. 11.5 lbs. grain daily of the following mixture: 200 lbs. each bran, ground oats, and Ajax Flakes, 50 lbs. each corn meal, cottonseed meal, and oil meal; 2 lbs. molasses, 24 lbs. roots, 20 lbs. ensilage, 7 lbs. alfalfa hay.
Mar., 1916. Same ration as given in February.
Apr., 1916. 12.8 lbs. grain daily of the following mixture: 2 lbs. each bran, corn meal, and ground oats, 5 lbs. Ajax Flakes, 1.8 lbs. oil meal; 2 lbs. beet pulp, 20 lbs. roots, 18 lbs. ensilage, 8 lbs. alfalfa hay.
May, 1916. 12.5 lbs. grain daily of the same mixture as given in April; 2 lbs. beet pulp, 16 lbs. roots to the 15th then green alfalfa, 20 lbs. ensilage.
June, 1916. 13 lbs. grain daily, 11 lbs. of the following mixture with 2 lbs. oil meal added: 50 lbs. each bran, hominy, and Schumacher Feed, 100 lbs. each ground oats and D. D. D. Grains; 3 lbs. beet pulp, 20 lbs. ensilage, 10 lbs. green alfalfa.
July, 1916. 12 lbs. grain daily of the following mixture: 1.5 lbs. bran, 4 lbs. ground oats, 4.5 lbs. Eagle D. D. D. Grains, 2 lbs. oil meal; beet pulp and 8 lbs. alfalfa hay.
Aug., 1916. 13 lbs. grain daily of the following mixture: 1 lb. bran, 2 lbs. each hominy and oil meal, 4 lbs. each ground oats and D. D. D. Grains; 3 lbs. beet pulp, 8 lbs. alfalfa hay.
Sept., 1916. 12.7 lbs. grain daily of the following mixture: 2 lbs. each bran, hominy, and ground oats, 4.5 lbs. D. D. D. Grains, 2.2 lbs. oil meal; 4 lbs. beet pulp, 15 lbs. roots, 6 lbs. alfalfa hay.
Oct., 1916. 15 lbs. grain daily of the following mixture: 2 lbs. each bran, hominy, and oil meal, 3 lbs. ground oats, 6 lbs. D. D. D. Grains; 2 lbs. beet pulp, 24 lbs. roots, 15 lbs. ensilage, 4 lbs. alfalfa hay.

4947 Ena of the Oaks 37672

Sire Imp. Les Pelleys' St. Amant of the Oaks (12807).
Sire Imp. St. Amant (11600) A. R.
Dam Imp. Lilith of Les Pelleys (21413).
Dam Gypsy of the Oaks (23892).
Sire Imp. Knozer (10026).
Dam Imp. Melon 2d (20554).
Breeder Louis Bossert, Bay Shore, N. Y.
Owner C. G. Parnall, Jackson, Mich.
Born Sept. 4, 1911. *Calved* Oct. 18, 1915. *Served* May 30, 1916.
Requirement for admission: 329.20 lbs. butter fat.

Official year's record: 8318.30 lbs. milk; 440.16 lbs. butter fat.

Supervised under one day test by Michigan Agricultural Experiment Station.

Year's Record	*Milk*	*Butter Fat*	
Nov., 1915,	1158.80 lbs.	3.73 %	43.22 lbs.
Dec., "	1107.80 "	5.38 "	59.60 "
Jan., 1916,	911.90 "	5.16 "	47.05 "
Feb., "	836.90 "	5.59 "	46.78 "
Mar., "	768.20 "	5.52 "	42.40 "
Apr., "	702.70 "	6.00 "	42.16 "
May, "	544.70 "	5.83 "	31.76 "
June, "	543.70 "	4.82 "	26.21 "
July, "	497.70 "	5.87 "	29.21 "
Aug., "	471.60 "	4.68 "	22.07 "
Sept., "	390.10 "	6.20 "	24.19 "
Oct., "	384.20 "	6.64 "	25.51 "
Total	8318.30 lbs.	5.29 Av. %	440.16 lbs.

Feed

Nov., 1915. 13 lbs. grain daily of the following mixture: 150 lbs. each bran, ground oats, and beet pulp, 50 lbs. corn meal, 100 lbs. each corn flakes and cottonseed meal, 30 lbs. oil meal; 6 lbs. wet beet pulp, 30 lbs. ensilage, 10 lbs. alfalfa hay.
Dec., 1915. 14 lbs. grain daily of the following mixture: 150 lbs. each bran, ground oats, and beet pulp, 50 lbs. corn meal, 100 lbs. each corn flakes, gluten, and cottonseed meal, 30 lbs. oil meal; 6 lbs. beet pulp, 30 lbs. ensilage, 12 lbs. alfalfa hay.
Jan., 1916. 9.5 lbs. grain daily of the following mixture: 150 lbs. each bran and ground oats, 50 lbs. corn meal, 100 lbs. each corn flakes, gluten, cottonseed meal, and beet pulp; 8 lbs. wet beet pulp, 30 lbs. ensilage, 10 lbs. alfalfa hay.
Feb., 1916. 9 lbs. grain daily same mixture as given in January; 6 lbs. wet beet pulp, 25 lbs. ensilage, 12 lbs. alfalfa hay.
Mar., 1916. 8 lbs. grain daily of the same mixture as given in January; 6 lbs. wet beet pulp, 25 lbs. ensilage, 10 lbs. alfalfa hay.
Apr., 1916. 8 lbs. grain daily of the following mixture: 150 lbs. each bran, ground oats, and beet pulp, 50 lbs. corn meal, 70 lbs. corn flakes, 80 lbs. gluten, 100 lbs. cottonseed meal; 6 lbs. wet beet pulp, 25 lbs. ensilage, 12 lbs. alfalfa hay.
May, 1916. 9.5 lbs. grain daily of the following mixture: 150 lbs. each bran and ground oats, 50 lbs. each corn flakes, gluten, and cottonseed meal, 25 lbs. oil meal, 100 lbs. beet pulp; 6 lbs. each wet beet pulp and alfalfa hay, 20 lbs. ensilage, pasture.
June, 1916. 9.5 lbs. grain daily of the following mixture: 150 lbs. each bran and ground oats, 50 lbs. each corn meal, gluten, and cottonseed meal, 30 lbs. oil meal, 100 lbs. beet pulp; 6 lbs. wet beet pulp, 22 lbs. ensilage, 12 lbs. alfalfa hay.
July, 1916. 8 lbs. grain daily of the following mixture: 150 lbs. each bran and ground oats, 50 lbs. each buckwheat bran, corn meal, and cottonseed meal, 100 lbs. each gluten and beet pulp, 30 lbs. oil meal; 8 lbs. wet beet pulp, 20 lbs. ensilage, 12 lbs. alfalfa hay.
Aug., 1916. 8 lbs. grain daily of the following mixture: 150 lbs. each bran and ground oats, 50 lbs. each corn meal, gluten, and cottonseed meal, 30 lbs. oil meal, 100 lbs. beet pulp; 8 lbs. wet beet pulp, 20 lbs. ensilage, 12 lbs. alfalfa hay.
Sept., 1916. 6 lbs. grain daily of the following mixture: 150 lbs. bran, 50 lbs. each corn meal, gluten, and cottonseed meal, 100 lbs. each ground oats and beet pulp, 30 lbs. oil meal; 8 lbs. wet beet pulp, 20 lbs. ensilage, 12 lbs. alfalfa hay.
Oct., 1916. Same ration as given in September.

4948 **Lizetta 3d 41183**

Sire Old Faithful (14947) A. R.
Sire Old Glory (11188) A. R.
Dam Lily Berkshire 2d (12970) A. R. 555.
Dam Lizetta (16832) A. R. 630.
Sire Lamont's Farm Lad (7399).
Dam Gianetta (13442).
Breeder Otto W. Post, Ensenore, N. Y.
Owner Otto W. Post, Ensenore, N. Y.
Born Feb. 15, 1912. *Calved* Sept. 28, 1915. *Served* May 2, 1916.
Requirement for admission: 309.80 lbs. butter fat.

Official year's record: 11987.60 lbs. milk; 556.37 lbs. butter fat.

(Record from Oct. 2, 1915 to Oct. 1, 1916.)
Supervised under one day test by Cornell Agricultural Experiment Station, Ithaca, N. Y.

Year's Record		*Milk*	*Butter Fat*	
Oct.,	1915,	1016.20 lbs.	4.23 %	42.99 lbs.
Nov.,	"	932.20 "	5.10 "	47.54 "
Dec.,	"	1029.60 "	4.59 "	47.26 "
Jan.,	1916,	1035.80 "	4.60 "	47.65 "
Feb.,	"	958.90 "	4.91 "	47.08 "
Mar.,	"	1025.50 "	4.63 "	47.48 "
Apr.,	"	979.70 "	4.67 "	45.75 "
May,	"	1037.30 "	4.68 "	48.54 "
June,	"	1031.40 "	4.34 "	44.76 "
July,	"	1029.80 "	4.35 "	44.80 "
Aug.,	"	951.10 "	4.62 "	43.94 "
Sept.,	"	930.70 "	5.07 "	47.19 "
Oct.,	"	29.40 "	4.73 "	1.39 "
Total		11987.60 lbs.	4.64 Av.%	556.37 lbs.

Feed

Oct., 1915. 12 lbs. grain daily of the following mixture: 3 lbs. each bran and middlings, 6 lbs. Union Grains; 10 lbs. mangels, green corn and alfalfa hay.
Nov., 1915. 12 lbs. grain daily of the following mixture: 200 lbs. each bran and middlings, 300 lbs. Union Grains; 15 lbs. mangels, ensilage and alfalfa hay.
Dec., 1915. 12 lbs. grain daily of the following mixture: 100 lbs. each bran and middlings, 200 lbs. Union Grains; mangels, ensilage, and alfalfa hay.
Jan., 1916. Same ration as given in December.
Feb., 1916. 12 lbs. grain daily of the following mixture: 100 lbs. each bran, white middlings, standard middlings, and ground corn and oats, 400 lbs. Union Grains; 6 lbs. mangels, ensilage and alfalfa hay.
Mar., 1916. 15 lbs. grain daily of the following mixture: 100 lbs. each middlings, bran, and ground barley and oats, 300 lbs. Union Grains; 6 qts. mangels, ensilage and alfalfa hay.
Apr., 1916. 15 lbs. grain daily of the following mixture: 100 lbs. each bran, middlings, corn and oat meal, and barley meal, 400 lbs. Union Grains; 4 qts. mangels, ensilage and alfalfa hay.
May, 1916. 14 lbs. grain daily of same mixture as given in April; ensilage and alfalfa hay.
June, 1916. Same ration as given in April.
July, 1916. 14 lbs. grain daily of the following mixture: 100 lbs. each bran, corn meal, and middlings, 300 lbs. Union Grains; ensilage and alfalfa hay.
Aug., 1916. 12 lbs. grain daily of the following mixture: 100 lbs. each bran and corn meal, 200 lbs. Union Grains; ensilage and alfalfa hay.
Sept., 1916. Same ration as given in August.
Oct., 1916. 8 lbs. grain daily of the following mixture: 100 lbs. each bran, corn meal, and ground oats, 200 lbs. Union Grains; ensilage and alfalfa hay.

4949 **Hestia Bay 41187**

Sire Prince Ledyard Bay (14886) A. R.
Sire Ledyard Bay (11074) A. R.
Dam Tritoma's Queen (22617) A. R. 1021.
Dam Hestia of Lamont's Farm (24240) A. R. 2905.
Sire Faucette's Prince (10310) A. R.
Dam Hestia (18615).
Breeder M. H. Vosburgh, Gloversville, N. Y.
Owner Otto W. Post, Ensenore, N. Y.
Born Apr. 5, 1912. *Calved* Sept. 28, 1915. *Served* May 10, 1916.
Requirement for admission: 304.90 lbs. butter fat.

Official year's record: 8802.90 lbs. milk; 498.27 lbs. butter fat.

(Record from Oct. 2, 1915 to Oct. 1, 1916.)
Supervised under one day test by Cornell Agricultural Experiment Station, Ithaca, N. Y.

Year's Record		*Milk*	*Butter Fat*	
Oct.,	1915,	900.80 lbs.	5.74 %	51.71 lbs.
Nov.,	"	839.80 "	4.95 "	41.57 "
Dec.,	"	828.60 "	6.19 "	51.29 "
Jan.,	1916,	772.50 "	5.55 "	42.87 "
Feb.,	"	679.80 "	5.89 "	40.04 "
Mar.,	"	731.00 "	5.59 "	40.86 "
Apr.,	"	680.80 "	5.65 "	38.47 "
May,	"	743.40 "	5.48 "	40.74 "
June,	"	715.80 "	5.31 "	38.01 "
July,	"	687.10 "	5.40 "	37.10 "
Aug.,	"	604.50 "	6.25 "	37.78 "
Sept.,	"	600.10 "	5.61 "	36.67 "
Oct.,	"	18.70 "	6.19 "	1.16 "
Total		8802.90 lbs.	5.66 Av. %	498.27 lbs.

Feed

Oct., 1915. 12 lbs. grain daily of the following mixture: 3 lbs. each bran and middlings, 6 lbs. Union Grains; 10 lbs. mangels, green corn and alfalfa hay.
Nov., 1915. 12 lbs. grain daily of the following mixture: 200 lbs. each bran and middlings, 300 lbs. Union Grains; 15 lbs. mangels, ensilage and alfalfa hay.
Dec., 1915. 12 lbs. grain daily of the following mixture: 100 lbs. each bran and middlings, 200 lbs. Union Grains; mangels, ensilage, and alfalfa hay.
Jan., 1916. Same ration as given in December.
Feb., 1916. 12 lbs. grain daily of the following mixture: 100 lbs. each bran, white middlings, standard middlings, and ground corn and oats, 400 lbs. Union Grains; mangels, ensilage, and alfalfa hay.
Mar., 1916. 12 lbs. grain daily of the following mixture: 100 lbs. each bran, middlings, and ground barley and oats, 300 lbs. Union Grains; 6 qts. mangels, ensilage and alfalfa hay.
Apr., 1916. 15 lbs. grain daily of the following mixture: 100 lbs. each bran, middlings, corn and oat meal, and barley meal, 400 lbs. Union Grains; 4 qts. mangels, ensilage and alfalfa hay.
May, 1916. 14 lbs. grain daily of same mixture as given in April; ensilage and alfalfa hay.
June, 1916. 12 lbs. grain daily of the following mixture: 100 lbs. each bran, flour middlings, standard middlings, and barley meal, 400 lbs. Union Grains; ensilage and alfalfa hay.
July, 1916. 12 lbs. grain daily of the following mixture: 100 lbs. each bran, corn meal, and middlings, 300 lbs. Union Grains; ensilage and alfalfa hay.
Aug., 1916. 12 lbs. grain daily of the following mixture: 100 lbs. each bran and corn meal, 200 lbs. Union Grains; ensilage and alfalfa hay.
Sept., 1916. 10 lbs. grain daily same mixture as given in August; ensilage and alfalfa hay.
Oct., 1916. 8 lbs. grain daily of the following mixture: 100 lbs. each bran, corn meal, and ground oats, 200 lbs. Union Grains; ensilage and alfalfa hay.

4950 **May Bay 41189**

Sire Prince Ledyard Bay (14886) A. R.
Sire Ledyard Bay (11074) A. R.
Dam Tritoma's Queen (22617) A. R. 1021.
Dam Glenwood May (20810) A. R. 2434.
Sire Glenwood Prince (9130).
Dam Olive May (18049).
Breeder M. H. Vosburgh, Gloversville, N. Y.
Owner Otto W. Post, Ensenore, N. Y.
Born Apr. 20, 1912. *Calved* Oct. 15, 1915. *Served* July 16, 1916.
Requirement for admission: 305.00 lbs. butter fat.

Official year's record: 7337.70 lbs. milk; 390.13 lbs. butter fat.

(Record from Oct. 18, 1915 to Oct. 17, 1916.)
Supervised under one day test by Cornell Agricultural Experiment Station, Ithaca, N. Y.

Year's Record		*Milk*	*Butter Fat*	
Oct.,	1915,	392.40 lbs.	5.37 %	21.07 lbs.
Nov.,	"	831.90 "	5.22 "	43.43 "
Dec.,	"	791.20 "	4.90 "	38.77 "
Jan.,	1916,	699.50 "	5.40 "	37.77 "
Feb.,	"	607.50 "	5.64 "	34.26 "
Mar.,	"	627.90 "	5.41 "	33.97 "
Apr.,	"	562.00 "	5.37 "	30.18 "
May,	"	576.50 "	5.05 "	29.11 "
June,	"	552.80 "	5.24 "	28.97 "
July,	"	558.60 "	5.20 "	29.05 "
Aug.,	"	503.20 "	5.38 "	27.07 "
Sept.,	"	433.00 "	5.66 "	24.51 "
Oct.,	"	201.20 "	5.95 "	11.97 "
Total		7337.70 lbs.	5.32 Av. %	390.13 lbs.

Feed

Oct., 1915. 12 lbs. grain daily of the following mixture: 3 lbs. each bran and middlings, 6 lbs. Union Grains; 10 lbs. mangels, green corn and alfalfa hay.
Nov., 1915. 12 lbs. grain daily of the following mixture: 200 lbs. each bran and middlings, 300 lbs. Union Grains; 15 lbs. mangels, ensilage and alfalfa hay.
Dec., 1915. 12 lbs. grain daily of the following mixture: 100 lbs. each bran and middlings, 200 lbs. Union Grains; mangels, ensilage, and alfalfa hay.
Jan., 1916. Same ration as given in December.
Feb., 1916. 12 lbs. grain daily of the following mixture: 100 lbs. each bran, white middlings, standard middlings, and ground corn and oats, 400 lbs. Union Grains; 6 lbs. mangels, ensilage and alfalfa hay.
Mar., 1916. 12 lbs. grain daily of the following mixture: 100 lbs. each bran, middlings, and ground barley and oats, 300 lbs. Union Grains; 6 qts. mangels, ensilage and alfalfa hay.
Apr., 1916. 12 lbs. grain daily of the following mixture: 100 lbs. each bran, middlings, corn and oat meal, and barley meal, 400 lbs. Union Grains; 4 qts. mangels, ensilage and alfalfa hay.
May, 1916. Same grain ration as given in April; ensilage and alfalfa hay.
June, 1916. 12 lbs. grain daily of the following mixture: 100 lbs. each bran, flour middlings, standard middlings, and barley meal, 400 lbs. Union Grains; ensilage and alfalfa hay.
July, 1916. 12 lbs. grain daily of the following mixture: 100 lbs. each bran, corn meal, and middlings, 300 lbs. Union Grains; ensilage and alfalfa hay.
Aug., 1916. 12 lbs. grain daily of the following mixture: 100 lbs. each bran and corn meal, 200 lbs. Union Grains; ensilage and alfalfa hay.
Sept., 1916. 10 lbs. grain daily same mixture as given in August; ensilage and alfalfa hay.
Oct., 1916. 8 lbs. grain daily of the following mixture: 100 lbs. each bran, corn meal, and ground oats, 200 lbs. Union Grains; ensilage and alfalfa hay.

4951 **Old Faithful's Sibylla 47763**

Sire Old Faithful (14947) A. R.
Sire Old Glory (11188) A. R.
Dam Lily Berkshire 2d (12970) A. R. 555.
Dam Sibylla's Queen (31174) A. R. 2094.
Sire Ledyard Bay (11074) A. R.
Dam Sibylla's Lass (22619) A. R. 1166.
Breeder Otto W. Post, Ensenore, N. Y.
Owner Otto W. Post, Ensenore, N. Y.
Born June 4, 1913. *Calved* Nov. 3, 1915. *Served* May 5, 1916.
Requirement for admission: 265.70 lbs. butter fat.

Official year's record: 9053.50 lbs. milk; 435.54 lbs. butter fat.

(Record from Nov. 14, 1915 to Nov. 13, 1916.)
Supervised under one day test by Cornell Agricultural Experiment Station, Ithaca, N. Y.

Year's Record		*Milk*	*Butter Fat*	
Nov.,	1915,	471.10 lbs.	4.45 %	20.96 lbs.
Dec.,	"	887.30 "	4.48 "	39.75 "
Jan.,	1916,	902.50 "	4.50 "	40.61 "
Feb.,	"	747.20 "	4.50 "	33.62 "
Mar.,	"	780.50 "	4.90 "	38.24 "
Apr.,	"	719.30 "	4.94 "	35.55 "
May,	"	742.70 "	4.86 "	36.10 "
June,	"	757.40 "	4.91 "	37.19 "
July,	"	767.30 "	5.15 "	39.52 "
Aug.,	"	735.10 "	4.91 "	36.09 "
Sept.,	"	672.50 "	4.80 "	32.28 "
Oct.,	"	615.80 "	5.10 "	31.41 "
Nov.,	"	254.80 "	5.58 "	14.22 "
Total		9053.50 lbs.	4.81 Av. %	435.54 lbs.

Feed

Nov., 1915. 12 lbs. grain daily of the following mixture: 200 lbs. each bran and middlings, 300 lbs. Union Grains; 15 lbs. mangels, ensilage and alfalfa.
Dec., 1915. 12 lbs. grain daily of the following mixture: 100 lbs. each bran and middlings, 200 lbs. Union Grains; roots, ensilage, and alfalfa.
Jan., 1916. Same ration as given in December.
Feb., 1916. 12 lbs. grain daily of the following mixture: 100 lbs. each bran, white middlings, standard middlings, and ground corn and oats, 400 lbs. Union Grains; 6 lbs. mangels, ensilage and alfalfa.
Mar., 1916. 12 lbs. grain daily of the following mixture: 100 lbs. each bran, middlings, and barley, 300 lbs. Union Grains; 6 qts. mangels, ensilage and alfalfa.
Apr., 1916. 14 lbs. grain daily of the following mixture: 100 lbs. each bran, middlings, corn and oat meal, and barley meal, 400 lbs. Union Grains; 4 qts. mangels, ensilage and alfalfa.
May, 1916. Same ration as given in April.
June, 1916. 12 lbs. grain daily of the following mixture: 100 lbs. each bran, flour middlings, standard middlings, and barley meal, 400 lbs. Union Grains; ensilage and alfalfa.
July, 1916. 12 lbs. grain daily of the following mixture: 100 lbs. each bran, corn meal, and middlings, 300 lbs. Union Grains; ensilage and alfalfa.
Aug., 1916. 12 lbs. grain daily of the following mixture: 100 lbs. each bran and corn meal, 200 lbs. Union Grains; alfalfa.
Sept., 1916. Same grain ration as August; ensilage and alfalfa.
Oct., 1916. 10 lbs. grain daily of the following mixture: 100 lbs. each bran, corn meal, and ground oats, 200 lbs. Union Grains; ensilage and alfalfa.
Nov., 1916. 12 lbs. grain daily same mixture as October; ensilage and alfalfa.

4952 **Pride's Dawn of Waddington 48112**

Sire Imp. Pride of Day (17126) A. R.
Sire On Guernsey Royal Governor of l'Etiennerie (R. G. A. S. 1484 P. S.) A. R.
Dam On Guernsey Beauty 5th of the Adams (R. G. A. S. 3483 P. S.).
Dam Imp. Dawn of Les Vesquesses (31649) A. R. 1750.
Sire On Guernsey Roebuck (R. G. A. S. 1923 P. S.) A. R.
Dam On Guernsey Sunrise II. of Les Vesquesses (R. G. A. S. 6495 P. S.).
Breeder E. W. Oglebay, Wheeling, W. Va.
Owner E. W. Oglebay, Wheeling, W. Va.
Born Sept. 10, 1913. *Calved* Sept. 24, 1915. *Served* May 5, 1916.
Requirement for admission: 252.50 lbs. butter fat.

Official year's record: 7847.50 lbs. milk; 409.37 lbs. butter fat.

Supervised by West Virginia Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Oct.,	1915,	912.80 lbs.	4.76 %	43.45 lbs.
Nov.,	"	714.20 "	4.83 "	34.50 "
Dec.,	"	814.10 "	4.79 "	39.00 "
Jan.,	1916,	780.70 "	5.19 "	40.52 "
Feb.,	"	654.70 "	5.84 "	38.23 "
Mar.,	"	644.20 "	5.80 "	37.36 "
Apr.,	"	589.50 "	5.57 "	32.84 "
May,	"	601.60 "	5.70 "	34.29 "
June,	"	569.90 "	5.41 "	30.83 "
July,	"	572.80 "	4.72 "	27.04 "
Aug.,	"	529.30 "	5.12 "	27.10 "
Sept.,	"	463.70 "	5.22 "	24.21 "
Total		7847.50 lbs.	5.22 Av. %	409.37 lbs.

Feed

Oct., 1915. 390 lbs. grain; 31 lbs. each bran and oil meal, 46.5 lbs. each ground oats and gluten, and 235 lbs. of the following mixture: 400 lbs. bran, 250 lbs. Ajax Flakes, 500 lbs. Unicorn Dairy Ration, 300 lbs. each Homcoline and cottonseed meal; 46.5 lbs. beet pulp, 130 lbs. roots from the 19th, 775 lbs. ensilage, 217 lbs. alfalfa, blue grass pasture.
Nov., 1915. 279 lbs. grain; 82 lbs. bran, 11 lbs. ground oats, 24 lbs. gluten, 30 lbs. oil meal, and 132 lbs. of the same mixture as in October; 60 lbs. beet pulp, 450 lbs. roots, 665 lbs. ensilage, 180 lbs. alfalfa.
Dec., 1915. 323 lbs. grain; 46.5 lbs. each bran and gluten, 31 lbs. oil meal, and 199 lbs. of the following mixture: 500 lbs. each bran, Ajax Flakes, and Homcoline, 600 lbs. Unicorn Dairy Ration; 46.5 lbs. beet pulp, 620 lbs. roots, 775 lbs. ensilage, 279 lbs. alfalfa.
Jan., 1916. 325.5 lbs. grain; 31 lbs. each bran and oil meal, 46.5 lbs. gluten, and 217 lbs. of the following mixture: 500 lbs. each bran, Ajax Flakes, and Homcoline, 600 lbs. Unicorn Dairy Ration; 46.5 lbs. beet pulp, 620 lbs. roots, 775 lbs. ensilage, 279 lbs. alfalfa.
Feb., 1916. 304.5 lbs. grain; 29 lbs. each bran and oil meal, 43.5 lbs. gluten, and 203 lbs. of the following mixture: 500 lbs. bran, 300 lbs. each Homcoline and cottonseed meal, 900 lbs. Unicorn Dairy Ration; 43.5 lbs. beet pulp, 580 lbs. roots, 725 lbs. ensilage, 261 lbs. alfalfa.
Mar., 1916. 310 lbs. grain; 46.5 lbs. each ground oats and gluten, 31 lbs. oil meal, and 186 lbs. of the following mixture: 500 lbs. bran, 1000 lbs. Unicorn Dairy Ration, 300 lbs. cottonseed meal; 46.5 lbs. beet pulp, 500 lbs. roots, 775 lbs. ensilage, 279 lbs. alfalfa.
Apr., 1916. 300 lbs. grain; 45 lbs. each ground oats and gluten, 30 lbs. oil meal, and 180 lbs. same mixture as in March; 45 lbs. beet pulp, 750 lbs. ensilage, 270 lbs. alfalfa.
May, 1916. 310 lbs. grain; 46.5 lbs. each ground oats and gluten, 31 lbs. oil meal, and 186 lbs. of the following mixture: 6 lbs. bran, 12 lbs. Unicorn Dairy Ration, lbs. cottonseed meal; 46.5 lbs. beet pulp, 775 lbs. ensilage, 182 lbs. alfalfa.
June, 1916. 255 lbs. grain; 45 lbs. each rolled oats and gluten, 30 lbs. oil meal, and 135 lbs. of the following mixture: 500 lbs. bran, 300 lbs. corn meal, 1200 lbs. Unicorn Dairy Ration, 400 lbs. cottonseed meal; 75 lbs. beet pulp, 600 lbs. ensilage, 180 lbs. alfalfa.
July, 1916. 282.1 lbs. grain; 46.5 lbs. each rolled oats and gluten, 31 lbs. oil meal, and 158.1 lbs. of the following mixture: 400 lbs. each bran and Ajax Flakes, 300 lbs. each corn meal and cottonseed meal, 1200 lbs. Unicorn Dairy Ration; 93 lbs. beet pulp, 930 lbs. ensilage, 279 lbs. hay.
Aug., 1916. Same grain ration as given in July; 775 lbs. ensilage, 248 lbs. alfalfa.
Sept., 1916. 273 lbs. grain; 45 lbs. each rolled oats and gluten, 30 lbs. oil meal, and 153 lbs. of the following mixture: 500 lbs. bran, 300 lbs. each corn meal and cottonseed meal, 400 lbs. Ajax Flakes, 1200 lbs. Unicorn Dairy Ration; 60 lbs. beet pulp, 750 lbs. ensilage, 240 lbs. alfalfa.

4953 **Wagtail's Echo 54779**

Sire Masher's Stowaway (22350) A. R.
Sire Imp. Masher's Sequel (11462) A. R.
Dam Dandorine (22587).
Dam Imp. Flossie of l'Etiennerie (26655).
Sire Imp. Golden Hero of l'Etiennerie (12647) A. R.
Dam On Guernsey Lady Eleanor of the Effards (R. G. A. S. 4286 P. S.).
Breeder Spencer Kellogg, Derby, N. Y.
Owner Spencer Kellogg, Derby, N. Y.
Born June 1, 1913. *Calved* Nov. 29, 1915. *Served* May 29, 1916.
Requirement for admission: 269.30 lbs. butter fat.

Official year's record: 8713.90 lbs. milk; 472.48 lbs. butter fat.

(Record from Dec. 7, 1915 to Dec. 6, 1916.)
Supervised by Cornell Agricultural Experiment Station, Ithaca, N. Y.

Year's Record		*Milk*	*Butter Fat*	
Dec.,	1915,	694.80 lbs.	5.32 %	36.96 lbs.
Jan.,	1916,	965.80 "	5.61 "	54.18 "
Feb.,	"	865.50 "	4.94 "	42.76 "
Mar.,	"	852.20 "	5.65 "	48.15 "
Apr.,	"	777.90 "	5.43 "	42.24 "
May,	"	771.30 "	5.69 "	43.89 "
June,	"	734.80 "	5.54 "	40.71 "
July,	"	722.00 "	5.20 "	37.54 "
Aug.,	"	763.30 "	4.91 "	37.48 "
Sept.,	"	614.50 "	5.16 "	31.71 "
Oct.,	"	504.70 "	5.89 "	29.73 "
Nov.,	"	382.60 "	6.07 "	23.22 "
Dec.,	"	64.50 "	6.07 "	3.91 "
Total		8713.90 lbs.	5.42 Av. %	472.48 lbs.

Feed

Dec., 1915. 223 lbs. grain of the following mixture: 300 lbs. wheat bran, 200 lbs. each wheat middlings, ground oats, and gluten feed; 500 lbs. roots, 625 lbs. ensilage, 250 lbs. alfalfa.
Jan., 1916. 356 lbs. grain; 325 lbs. of the following mixture with 31 lbs. molasses added: 500 lbs. each corn meal and Ajax Flakes; 155 lbs. each beet pulp and carrots, 310 lbs. each alfalfa ensilage and alfalfa.
Feb., 1916. 318.5 lbs. grain; 289.5 lbs. of the same mixture as January with 29 lbs. molasses added; 145 lbs. beet pulp, 290 lbs. each ensilage and alfalfa.
Mar., 1916. 302 lbs. grain; 271 lbs. of the following mixture with 31 lbs. molasses added: 200 lbs. each bran, corn meal, and gluten, 100 lbs. each hominy, ground oats, and Brewers' Grains; 155 lbs. beet pulp, 310 lbs. each ensilage and alfalfa.
Apr., 1916. 288.5 lbs. grain; 258.5 lbs. of the following mixture with 30 lbs. molasses added: 200 lbs. each bran, Ajax Flakes, and gluten, 100 lbs. each hominy, ground oats, cottonseed meal, and oil meal; 150 lbs. beet pulp, 300 lbs. each ensilage and mixed hay.
May, 1916. 301 lbs. grain; 270 lbs. of the following mixture with 31 lbs. molasses added: 200 lbs. each bran, Distillers' Grains, and gluten, 100 lbs. each hominy, ground oats, cottonseed meal, and O. P. oil meal; 10 lbs. each powdered charcoal and salt, 155 lbs. beet pulp, 160 lbs. ensilage to the 16th then pasture.
June, 1916. 255 lbs. grain of the following mixture: 100 lbs. each bran and corn meal, 200 lbs. each Distillers' Grains and gluten, 50 lbs. each cottonseed meal and oil meal; 8 lbs. powdered charcoal, 10 lbs. salt, 70 lbs. beet pulp, clover and pasture.
July, 1916. 250.5 lbs. grain of the following mixture: 200 lbs. each bran, Brewers' Grains, and gluten, 400 lbs. corn meal, 100 lbs. cottonseed meal; oats and peas, pasture.
Aug., 1916. 268.5 lbs. grain; 237.5 lbs. of the following mixture with 31 lbs. molasses added: 200 lbs. each bran, ground oats, and Ajax Flakes, 400 lbs. corn meal, 100 lbs. each cottonseed meal and oil meal; 93 lbs. beet pulp, oats and peas, pasture.
Sept., 1916. 217.5 lbs. grain of the following mixture: 400 lbs. hominy, 100 lbs. each ground oats, Brewers' Grains, cottonseed meal, and oil meal, 200 lbs. gluten; 10 lbs. each charcoal and salt, 210 lbs. beets, 300 lbs. alfalfa.
Oct., 1916. 217 lbs. grain of the following mixture with 31 lbs. molasses added: 200 lbs. bran, 400 lbs. each corn meal and Buffalo Gluten Feed, 100 lbs. each hominy, ground oats, and Distillers' Grains; 465 lbs. beets, mixed hay (alfalfa and wild grass).
Nov., 1916. 330.5 lbs. grain of the following mixture: 200 lbs. each bran, ground oats, Brewers' Grains, and gluten, 400 lbs. corn meal, 100 lbs. each cottonseed meal and oil meal; 15 lbs. charcoal, 10 lbs. salt, beet pulp, ensilage, and alfalfa.
Dec., 1916. 63.3 lbs. grain same mixture as November; beet pulp, ensilage, and alfalfa.

4954 **Buttercup's Excelsa 54780**

Sire Masher's Stowaway (22350) A. R.
Sire Imp. Masher's Sequel (11462) A. R.
Dam Dandorine (22587).
Dam Lawton's Buttercup (26888).
Sire Lawton Standard (9128) A. R.
Dam Princess of Paulsdale (14466).
Breeder Spencer Kellogg, Derby, N. Y.
Owner Spencer Kellogg, Derby, N. Y.
Born June 19, 1913. *Calved* Nov. 29, 1915. *Served* Aug. 6, 1916.
Requirement for admission: 267.50 lbs. butter fat.

Official year's record: 9486.60 lbs. milk; 403.96 lbs. butter fat.

(Record from Dec. 7, 1915 to Dec. 6, 1916.)
Supervised by Cornell Agricultural Experiment Station, Ithaca, N. Y.

Year's Record		*Milk*	*Butter Fat*	
Dec.,	1915,	780.10 lbs.	4.34 %	33.86 lbs.
Jan.,	1916,	1130.80 "	3.61 "	40.82 "
Feb.,	"	914.70 "	3.77 "	34.48 "
Mar.,	"	1004.90 "	4.07 "	40.90 "
Apr.,	"	888.60 "	4.57 "	40.61 "
May,	"	911.60 "	4.40 "	40.11 "
June,	"	767.50 "	4.94 "	37.91 "
July,	"	714.60 "	4.58 "	32.73 "
Aug.,	"	730.60 "	4.26 "	31.12 "
Sept.,	"	574.20 "	4.50 "	25.84 "
Oct.,	"	512.30 "	4.30 "	22.03 "
Nov.,	"	479.80 "	4.23 "	20.30 "
Dec.,	"	76.90 "	4.23 "	3.25 "
Total		9486.60 lbs.	4.26 Av. %	403.96 lbs.

Feed

Dec., 1915. 254.5 lbs. grain of the following mixture: 300 lbs. bran, 200 lbs. each wheat middlings, ground oats, and gluten feed; 500 lbs. roots, 625 lbs. ensilage, 250 lbs. alfalfa.
Jan., 1916. 408 lbs. grain; 377 lbs. of the following mixture with 31 lbs. molasses added: 51 lbs. each corn meal and Ajax Flakes; 155 lbs. beet pulp, 310 lbs. each ensilage and alfalfa.
Feb., 1916. 334 lbs. grain; 305 lbs. of the following mixture with 29 lbs. molasses added: 500 lbs. each corn meal and Ajax Flakes; 145 lbs. beet pulp, 290 lbs. each ensilage and alfalfa.
Mar., 1916. 343.5 lbs. grain; 312.5 lbs. of the following mixture with 31 lbs. molasses added: 200 lbs. each bran, corn meal, and gluten, 100 lbs. each hominy, ground oats, and Brewers' Grains; 155 lbs. beet pulp, 310 lbs. each ensilage and alfalfa.
Apr., 1916. 334 lbs. grain; 304 lbs. of the following mixture with 30 lbs. molasses added: 200 lbs. each bran, Ajax Flakes, and gluten, 100 lbs. each hominy, ground oats, cottonseed meal, and oil meal; 150 lbs. beet pulp, 300 lbs. each ensilage and mixed hay.
May, 1916. 352 lbs. grain; 321 lbs. of the following mixture with 31 lbs. molasses added: 200 lbs. each bran, Distillers' Grains, and gluten, 100 lbs. each hominy, ground oats, cottonseed meal, and O. P. oil meal; 10 lbs. powdered charcoal, 2 lbs. salt, 155 lbs. beet pulp, 160 lbs. ensilage to the 16th then pasture.
June, 1916. 255 lbs. grain of the following mixture: 100 lbs. each bran and corn meal, 200 lbs. each Distillers' Grains and gluten, 50 lbs. each cottonseed meal and oil meal; 8 lbs. charcoal, 10 lbs. salt, 70 lbs. beet pulp, clover and pasture.
July, 1916. 247.5 lbs. grain of the following mixture: 200 lbs. each bran, Brewers' Grains, and Buffalo Gluten Feed, 400 lbs. corn meal, 100 lbs. cottonseed meal; oats and peas, pasture.
Aug., 1916. 261.5 lbs. grain, 230.5 lbs. of the following mixture: 200 lbs. each bran, ground oats, and Ajax Flakes, 400 lbs. corn meal, 100 lbs. each cottonseed meal and oil meal with 31 lbs. molasses added; 93 lbs. beet pulp, oats and peas, pasture.
Sept., 1916. 217.5 lbs. grain of the following mixture: 400 lbs. hominy, 100 lbs. each ground oats, Brewers' Grains, cottonseed meal, and oil meal, 200 lbs. gluten; 10 lbs. each salt and charcoal, 210 lbs. beets, 300 lbs. alfalfa.
Oct., 1916. 221 lbs. grain of the following mixture with 31 lbs. molasses added: 200 lbs. bran, 400 lbs. each corn meal and Buffalo Gluten Feed, 100 lbs. each hominy, ground oats, and Distillers' Grains; 465 lbs. beets, mixed hay of alfalfa and wild grass.
Nov., 1916. 379.1 lbs. grain of the following mixture: 200 lbs. each bran, ground oats, Brewers' Grains, and gluten, 400 lbs. corn meal, 100 lbs. each cottonseed meal and oil meal; 15 lbs. charcoal, 10 lbs. salt, beet pulp, ensilage, and alfalfa.
Dec., 1916. 76.9 lbs. grain same mixture as November; same roughage.

4955 Imp. Aurora of Sarnia 40238

Sire Imp. Raymond's Emperor (15380) A. R.
Sire Imp. Raymond of the Préel (11353) A. R.
Dam Imp. Glow of Rose Farm (26093).
Dam On Guernsey Saunders' Maid III. (R. G. A. S. 3288 F. S.).
Sire On Guernsey Hector (R. G. A. S. 1325 P. S.) A. R.
Dam On Guernsey Saunders' Maid (R. G. A. S. 3045 F. S.).
Breeder W. J. Saunders, Island of Guernsey.
Owner University of Illinois, Urbana, Ill.
Born June 10, 1910. *Calved* Nov. 5, 1915.
Requirement for admission: 360.00 lbs. butter fat.

Official year's record: 8050.00 lbs. milk; 398.82 lbs. butter fat.

(Record from Nov. 8, 1915 to Nov. 7, 1916.)
Supervised by Illinois Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Nov.,	1915,	764.80 lbs.	4.92 %	37.63 lbs.
Dec.,	"	1040.60 "	4.92 "	51.20 "
Jan.,	1916,	904.50 "	5.13 "	46.40 "
Feb.,	"	799.40 "	5.07 "	40.53 "
Mar.,	"	813.80 "	4.89 "	39.79 "
Apr.,	"	748.50 "	5.01 "	37.50 "
May,	"	642.90 "	4.73 "	30.41 "
June,	"	556.90 "	4.57 "	25.45 "
July,	"	454.10 "	4.98 "	22.61 "
Aug.,	"	439.90 "	4.63 "	20.37 "
Sept.,	"	422.40 "	4.96 "	20.95 "
Oct.,	"	372.60 "	5.62 "	20.94 "
Nov.,	"	89.60 "	5.62 "	5.04 "
Total		8050.00 lbs.	4.95 Av. %	398.82 lbs.

Owner's Statement of Feed

Nov., 1915. 344.54 lbs. grain; 49.22 lbs. each bran, corn meal, ground oats, Ajax Flakes, and oil meal, 98.44 lbs. gluten; 598 lbs. ensilage, 184 lbs. alfalfa.
Dec., 1915. 390.6 lbs. grain; 65.1 lbs. each bran, corn meal, ground oats, gluten, Ajax Flakes, and cottonseed meal; 806 lbs. ensilage, 248 lbs. alfalfa.
Jan., 1916. 458.8 lbs. grain; 65.1 lbs. each bran, corn meal, ground oats, Ajax Flakes, and oil meal, 133.3 lbs. gluten; 806 lbs. ensilage, 248 lbs. alfalfa.
Feb., 1916. 429.2 lbs. grain; 60.9 lbs. each bran, corn meal, ground oats, Ajax Flakes, and oil meal, 124.7 lbs. gluten; 754 lbs. ensilage, 232 lbs. alfalfa.
Mar., 1916. 464.69 lbs. grain; 66.34 lbs. each bran, corn meal, ground oats, Ajax Flakes, and oil meal, 132.99 lbs. gluten; 806 lbs. ensilage, 248 lbs. alfalfa.
Apr., 1916. 359.88 lbs. grain; 86.96 lbs. bran, 85.87 lbs. corn meal, 47.46 lbs. ground oats, 59.92 lbs. gluten, 29.96 lbs. Ajax Flakes, 49.71 lbs. oil meal; 780 lbs. ensilage, 240 lbs. alfalfa.
May, 1916. 428.74 lbs. grain; 292 lbs. bran, 102.62 lbs. corn meal, 34.12 lbs. oil meal; 806 lbs. ensilage, 248 lbs. alfalfa.
June, 1916. 240 lbs. grain; 120 lbs. bran, 90 lbs. corn meal, 30 lbs. oil meal; 612 lbs. ensilage, 212 lbs. alfalfa.
July, 1916. 248 lbs. grain; 124 lbs. bran, 93 lbs. corn meal, 31 lbs. oil meal; 434 lbs. ensilage, 220 lbs. alfalfa.
Aug., 1916. Same grain ration as July; 56 lbs. ensilage, 382 lbs. alfafa.
Sept., 1916. Same grain ration as June; 546 lbs. ensilage, 302 lbs. alfalfa.
Oct., 1916. Same grain ration as July; 806 lbs. ensilage, 270 lbs. alfalfa.
Nov., 1916. 56 lbs. grain; 28 lbs. bran, 21 lbs. corn meal, 7 lbs. oil meal; 182 lbs. ensilage, 70 lbs. alfalfa.

4956 Imp. Beauty Star of la Mare 45962

Sire On Guernsey Ivy Leaf (R. G. A. S. 2197 P. S.) A. R.
Sire Imp. The Conqueror II. (15323) A. R.
Dam On Guernsey Ivy VI. (R. G. A. S. 4904 P. S.).
Dam On Guernsey Star II. of la Mare (R. G. A. S. 8478 P. S.).
Sire On Guernsey Hero II. of Mouilpied (R. G. A. S. 1786 P. S.) A. R.
Dam On Guernsey Star of la Mare (R. G. A. S. 4312 P. S.).
Breeder James Martin, Island of Guernsey.
Owner George J. Hicks, Saginaw West Side, Mich.
Born Feb. 6, 1911. *Calved* Dec. 5, 1915. *Served* Nov. 1, 1916.
Requirement for admission: 354.60 lbs. butter fat.

Official year's record: 8532.70 lbs. milk; 403.97 lbs. butter fat.

(Record from Dec. 15, 1915 to Dec. 14, 1916.)
Supervised by Michigan Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Dec.,	1915,	584.30 lbs.	4.06 %	23.72 lbs.
Jan.,	1916,	971.50 "	4.53 "	44.01 "
Feb.,	"	853.50 "	4.39 "	37.47 "
Mar.,	"	818.60 "	4.64 "	37.98 "
Apr.,	"	729.05 "	4.90 "	35.72 "
May,	"	773.25 "	5.09 "	39.36 "
June,	"	641.65 "	4.94 "	31.70 "
July,	"	621.30 "	4.50 "	27.96 "
Aug.,	"	578.80 "	4.77 "	27.61 "
Sept.,	"	574.00 "	4.89 "	28.07 "
Oct.,	"	597.50 "	4.71 "	28.14 "
Nov.,	"	536.00 "	5.35 "	28.68 "
Dec.,	"	253.25 "	5.35 "	13.55 "
Total		8532.70 lbs.	4.73 Av. %	403.97 lbs.

Owner's Statement of Feed

Dec., 1915. 12 lbs. grain daily of 4 lbs. bran, 1 lb. each corn meal, ground oats, Ajax Flakes, and oil meal, 3 lbs. gluten, and .5 lb. each barley and cottonseed meal; 2.5 lbs. beet pulp, 25 lbs. ensilage, 8 lbs. alfalfa.
Jan., 1916. Same grain ration as December; 3 lbs. beet pulp, 29 lbs. ensilage, 8 lbs. alfalfa.
Feb., 1916. 12 lbs. grain daily of 4 lbs. each bran and corn flakes, 3 lbs. gluten, and .5 lb. each cottonseed meal and oil meal; 2.5 lbs. beet pulp, 29 lbs. ensilage, 6 lbs. alfalfa.
Mar., 1916. 10 lbs. grain daily of 3 lbs. each bran and corn flakes, 2 lbs. gluten, and 1 lb. each cottonseed meal and oil meal; 2 lbs. beet pulp, 29 lbs. ensilage, 5 lbs. alfalfa.
Apr., 1916. 9 lbs. grain daily of 3 lbs. bran, 2 lbs. each corn flakes and gluten, 1 lb. each cottonseed meal and oil meal; 2 lbs. beet pulp, 29 lbs. ensilage, 5 lbs. alfalfa.
May, 1916. 9 lbs. grain daily of the following mixture: 50 lbs. bran, 30 lbs. each corn flakes and gluten, 20 lbs. each barley meal, cottonseed meal, and oil meal; 2 lbs. beet pulp, 25 lbs. ensilage, 5 lbs. alfalfa.
June, 1916. Same ration as given in May.
July, 1916. Same ration as given in May.
Aug., 1916. 8 lbs. grain daily of the following mixture: 50 lbs. bran, 20 lbs. each barley and cottonseed meal, 30 lbs. each corn flakes and gluten, 10 lbs. oil meal; 25 lbs. ensilage, 5 lbs. alfalfa.
Sept., 1916. Same ration as given in August.
Oct., 1916. 8 lbs. grain daily of the following mixture: 100 lbs. bran, 300 lbs. corn flakes, 200 lbs. each gluten and oil meal; 25 lbs. ensilage, 5 lbs. alfalfa.
Nov., 1916. 8 lbs. grain daily of the following mixture: 100 lbs. each bran and cottonseed meal, 300 lbs. corn flakes, 200 lbs. each gluten and beet pulp; 25 lbs. ensilage, 5 lbs. alfalfa.
Dec., 1916. 8 lbs. grain daily of the following mixture: 200 lbs. gluten meal, 100 lbs. cottonseed meal, 400 lbs. beet pulp; 30 lbs. ensilage, 5 lbs. alfalfa.

4957 Imp. Polly III. of Richmond Cottage 53778

Sire Imp. Darby (19602) A. R.
Sire On Guernsey Jim of Newgrove (R. G. A. S. 1930 P. S.) A. R.
Dam Imp. Darby's Joan (26638).
Dam On Guernsey Polly of Richmond Cottage (R. G. A. S. 3949 F. S.).
Sire On Guernsey.
Dam On Guernsey.
Breeder Mrs. B. S. Palot, Island of Guernsey.
Owner George J. Hicks, Saginaw West Side, Mich.
Born June 8, 1911. *Calved* Oct. 29, 1915. *Served* Oct. 2, 1916.
Requirement for admission: 338.60 lbs. butter fat.

Official year's record: 9109.15 lbs. milk; 418.02 lbs. butter fat.

(Record from Nov. 7, 1915 to Nov. 6, 1916.)
Supervised by Michigan Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Nov.,	1915,	904.10 lbs.	4.16 %	37.61 lbs.
Dec.,	"	1317.65 "	4.26 "	56.13 "
Jan.,	1916,	1287.05 "	4.49 "	57.79 "
Feb.,	"	1088.25 "	4.37 "	47.56 "
Mar.,	"	874.50 "	4.93 "	43.11 "
Apr.,	"	743.25 "	4.68 "	34.78 "
May,	"	718.35 "	4.74 "	34.05 "
June,	"	554.65 "	5.21 "	28.90 "
July,	"	468.40 "	4.70 "	22.01 "
Aug.,	"	410.90 "	4.56 "	18.74 "
Sept.,	"	365.15 "	4.84 "	17.67 "
Oct.,	"	334.90 "	5.22 "	17.48 "
Nov.,	"	42.00 "	5.22 "	2.19 "
Total		9109.15 lbs.	4.59 Av. %	418.02 lbs.

Owner's Statement of Feed

Nov., 1915. 12 lbs. grain daily of 4 lbs. bran, 1.5 lbs. each corn meal, gluten, and oil meal, 2.75 lbs. barley meal, and .75 lb. cottonseed meal; 2 to 3.5 lbs. beet pulp, 25 lbs. ensilage, 6 lbs. alfalfa.
Dec., 1915. 14 lbs. grain daily of 4 lbs. bran, 1 lb. each corn meal, corn flakes, barley, cottonseed meal, and oil meal, 2 lbs. ground oats, and 3 lbs. gluten; 3 lbs. beet pulp, 29 lbs. ensilage, 9 lbs. alfalfa.
Jan., 1916. 14.5 lbs. grain daily same mixture as December; 3 lbs. beet pulp, 30 lbs. ensilage, 8 lbs. alfalfa.
Feb., 1916. 13 lbs. grain daily of 4 lbs. each bran and corn flakes, 3 lbs. gluten, and 1 lb. each cottonseed meal and oil meal; 25 lbs. ensilage, 6 lbs. alfalfa.
Mar., 1916. 12 lbs. grain daily of 3 lbs. each bran, Ajax Flakes, and gluten, and 1 lb. each corn meal, cottonseed meal, and oil meal; 3 lbs. beet pulp, 29 lbs. ensilage, 5 lbs. alfalfa.
Apr., 1916. 10 lbs. grain daily of 3 lbs. each bran and corn flakes, 2 lbs. gluten, and 1 lb. each cottonseed meal and oil meal; 3 lbs. beet pulp, 29 lbs. ensilage, 5 lbs. alfalfa.
May, 1916. 7 lbs. grain daily of the following mixture: 50 lbs. bran, 20 lbs. each barley meal, cottonseed meal, and oil meal, 30 lbs. each corn flakes and gluten; 2 lbs. beet pulp, 25 lbs. ensilage, 5 lbs. alfalfa.
June, 1916. Same ration as given in May.
July, 1916. Same ration as given in May.
Aug., 1916. 8 lbs. grain daily of the following mixture: 50 lbs. bran, 30 lbs. each corn flakes and gluten, 20 lbs. each barley and cottonseed meal, 10 lbs. oil meal; 25 lbs. ensilage, 5 lbs. alfalfa.
Sept., 1916. Same ration as given in August.
Oct., 1916. 6 lbs. grain daily, 5 lbs. of the following mixture with 1 lb. Ajax Flakes added: 100 lbs. bran, 300 lbs. corn flakes, 200 lbs. each gluten and oil meal; 25 lbs. ensilage, 5 lbs. alfalfa.
Nov., 1916. 5 lbs. grain daily of the following mixture: 100 lbs. each bran and cottonseed meal, 300 lbs. corn flakes, 200 lbs. each gluten and beet pulp; 25 lbs. ensilage 5 lbs. alfalfa.

4958 Imp. Nettie of the Hubits 44181

Sire On Guernsey Governor of the Chêne (R. G. A. S. 1297 P. S.) A. R.
Sire On Guernsey Compact (R. G. A. S. 1076 P. S.).
Dam On Guernsey Richesse du Chêne VIII. (R. G. A. S. 4004 P. S.).
Dam On Guernsey Stedman (R. G. A. S. 3664 F. S.).
Sire On Guernsey.
Dam On Guernsey.
Breeder S. Yearsley, Island of Guernsey.
Owner James H. Cooper, Courtenay, N. Dak.
Born Oct. 21, 1911. *Calved* Oct. 25, 1915. *Served* Aug. 1, 1916.
Requirement for admission: 324.10 lbs. butter fat.

Official year's record: 12556.90 lbs. milk; 718.97 lbs. butter fat.

(Record from Oct. 28, 1915 to Oct. 27, 1916.)
Supervised under one day test by North Dakota Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Oct.,	1915,	128.10 lbs.	4.31 %	5.52 lbs.
Nov.,	"	1207.90 "	4.31 "	52.06 "
Dec.,	"	1325.70 "	5.31 "	70.39 "
Jan.,	1916,	1236.50 "	5.02 "	62.07 "
Feb.,	"	1096.50 "	5.27 "	57.79 "
Mar.,	"	1110.20 "	5.81 "	64.50 "
Apr.,	"	967.20 "	6.42 "	62.09 "
May,	"	725.30 "	6.55 "	47.51 "
June,	"	850.30 "	6.29 "	53.48 "
July,	"	1123.10 "	5.94 "	66.71 "
Aug.,	"	979.50 "	6.26 "	61.32 "
Sept.,	"	1024.00 "	6.72 "	68.81 "
Oct.,	"	782.60 "	5.97 "	46.72 "
Total		12556.90 lbs.	5.73 Av. %	718.97 lbs.

Owner's Statement of Feed

Oct., 1915. 7 lbs. grain daily of 2 lbs. bran and 5 lbs. ground oats; 15 lbs. each ensilage and alfalfa.
Nov., 1915. 15 lbs. grain daily of 2.5 lbs. bran, 5 lbs. each ground oats and ground barley, and 1.25 lbs. each cottonseed meal and oil meal; 18 lbs. ensilage, 15 lbs. alfalfa.
Dec., 1915. 14 lbs. grain daily of 2.5 lbs. bran, 4.5 lbs. each ground oats and ground barley, and 1.25 lbs. each cottonseed meal and oil meal; 15 lbs. roots, 20 lbs. each ensilage and alfalfa.
Jan., 1916. Same grain ration as December; 30 lbs. ensilage, 20 lbs. alfalfa.
Feb., 1916. 9.25 lbs. grain daily of 1.75 lbs. bran, 3 lbs. each ground oats and ground barley, and .75 lb. each cottonseed meal and oil meal; 30 lbs. ensilage, 20 lbs. alfalfa.
Mar., 1916. Same ration as February.
Apr., 1916. 14.5 lbs. grain daily of 7 lbs. bran, 3 lbs. each ground oats and ground barley, and .75 lb. each cottonseed meal and oil meal; 30 lbs. ensilage, 5 lbs. hay.
May, 1916. 11 lbs. grain daily of 2 lbs. bran, 4 lbs. ground oats, 3 lbs. ground barley, and 1 lb. each cottonseed meal and oil meal; 10 lbs. ensilage, wheat grass hay to the 15th then green alfalfa, pasture.
June, 1916. 16.5 lbs. grain daily of 3 lbs. bran, 10 lbs. ground oats, 2 lbs. ground barley, .5 lb. cottonseed meal, and 1 lb. oil meal; 4 lbs. ensilage, 30 lbs. alfalfa.
July, 1916. 20 lbs. grain daily to the 14th of 4 lbs. bran, 6 lbs. each ground oats and ground barley, and 2 lbs. each cottonseed meal and oil meal, then 23 lbs. daily of 5 lbs. bran, 7 lbs. each ground oats and ground barley, and 2 lbs. each cottonseed meal and oil meal; 10 lbs. each green oats and green corn from the 15th, 30 lbs. green alfalfa.
Aug., 1916. 15 lbs. grain daily of 3 lbs. bran, 8 lbs. ground oats, and 4 lbs. ground barley; green corn, green alfalfa, and grass.
Sept., 1916. Same grain ration as August; green corn and alfalfa.
Oct., 1916. 18.5 lbs. grain daily of 5 lbs. bran, 10 lbs. ground oats, 2.5 lbs. ground barley, and 1 lb. oil meal; corn stalks and alfalfa.

4959 Imp. England's Queen 53926

Sire On Guernsey Shamrock of the Spurs (R. G. A. S. 1561 P. S.) A. R.
Sire Imp. Villette Prince (9090) A. R.
Dam On Guernsey Sukey of the Spurs V. (R. G. A. S. 4314 P. S.).
Dam On Guernsey Rose des Fries (R. G. A. S. 2405 F. S.).
Sire On Guernsey.
Dam On Guernsey.
Breeder P. Le Page, Island of Guernsey.
Owner George J. Hicks, Saginaw West Side, Mich.
Born July 3, 1907. *Calved* Nov. 11, 1915. *Served* June 13, 1916.
Requirement for admission: 360.00 lbs. butter fat.

Official year's record: 9134.00 lbs. milk; 398.12 lbs. butter fat.

(Record from Nov. 24, P. M., 1915 to Nov. 24, M., 1916.)
Supervised by Michigan Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Nov.,	1915,	210.60 lbs.	3.89 %	8.19 lbs.
Dec.,	"	1029.50 "	3.83 "	49.60 "
Jan.,	1916,	1026.50 "	4.13 "	42.39 "
Feb.,	"	941.90 "	4.13 "	38.90 "
Mar.,	"	873.95 "	4.39 "	38.37 "
Apr.,	"	766.80 "	4.35 "	33.36 "
May,	"	731.85 "	4.26 "	31.18 "
June,	"	741.70 "	4.04 "	29.96 "
July,	"	728.25 "	3.89 "	28.33 "
Aug.,	"	624.05 "	4.21 "	26.27 "
Sept.,	"	541.55 "	4.55 "	24.64 "
Oct.,	"	537.05 "	4.85 "	26.05 "
Nov.,	"	380.30 "	5.49 "	20.88 "
Total		9134.00 lbs.	4.36 Av. %	398.12 lbs.

Owner's Statement of Feed

Nov., 1915. 12 lbs. grain daily of 4 lbs. bran, 1.5 lbs. each corn meal, gluten, and oil meal, 2.75 lbs. barley meal, and .75 lb. cottonseed meal; 3.5 lbs. beet pulp, 25 lbs. ensilage, 6 lbs. alfalfa.
Dec., 1915. 13.5 lbs. grain daily of 3 lbs. each bran and gluten, 1 lb. each corn meal, barley, and oil meal, 2 lbs. each ground oats and corn flakes, and .5 lb. cottonseed meal; 3 lbs. beet pulp, 30 lbs. ensilage, 9 lbs. alfalfa.
Jan., 1916. Same grain ration as December; 3 lbs. beet pulp, 30 lbs. ensilage, 8 lbs. alfalfa.
Feb., 1916. 13 lbs. grain daily of 4 lbs. each bran and corn flakes, 3 lbs. gluten, and 1 lb. each cottonseed meal and oil meal; 3 lbs. beet pulp, 25 lbs. ensilage, 5 lbs. alfalfa.
Mar., 1916. 11 lbs. grain daily of 3 lbs. each bran, corn flakes, and gluten and 1 lb. each cottonseed meal and oil meal; 3 lbs. beet pulp, 29 lbs. ensilage, 5 lbs. alfalfa.
Apr., 1916. 9 lbs. grain daily of 3 lbs. bran, 2 lbs. each Ajax Flakes and gluten, and 1 lb. each cottonseed meal and oil meal; 2 lbs. beet pulp, 29 lbs. ensilage, 5 lbs. alfalfa.
May, 1916. 9 lbs. grain daily of the following mixture: 50 lbs. bran, 20 lbs. each barley meal, cottonseed meal, and oil meal, 30 lbs. each corn flakes and gluten; 2 lbs. beet pulp, 25 lbs. ensilage, 5 lbs. alfalfa.
June, 1916. Same ration as given in May.
July, 1916. Same ration as given in May.
Aug., 1916. 8 lbs. grain daily of the following mixture: 50 lbs. bran, 20 lbs. each barley and cottonseed meal, 30 lbs. each corn flakes and gluten, 10 lbs. oil meal; 25 lbs. ensilage, 5 lbs. alfalfa.
Sept., 1916. Same ration as given in August.
Oct., 1916. 8 lbs. grain daily of the following mixture: 100 lbs. bran, 300 lbs. corn flakes, 200 lbs. each gluten and oil meal; 25 lbs. ensilage, 5 lbs. alfalfa.
Nov., 1916. 7 lbs. grain daily of the following mixture: 100 lbs. each bran and cottonseed meal, 300 lbs. corn flakes, 200 lbs. each gluten and beet pulp; 25 lbs. ensilage, 5 lbs. alfalfa.

4960 Lena of the Glen 49444

Sire Ben Hur of the Glen (18007).
Sire Fernwood of Homestead (7448) A. R.
Dam Phillipina of the Glen (12778) A. R. 542.
Dam Hope of the Glen (32578).
Sire Beau Regal (13448) A. R.
Dam Pearl Maiden of the Glen (23622) A. R. 1211.
Breeder H. A. C. Taylor, Newport, R. I.
Owner New Hampshire College, Durham, N. H.
Born Dec. 7, 1913. *Calved* Dec. 18, 1915. *Served* June 18, 1916.
Requirement for admission: 251.90 lbs. butter fat.

Official year's record: 7847.00 lbs. milk; 367.45 lbs. butter fat.

(Record from Dec. 22, 1915 to Dec. 21, 1916.)
Supervised by New Hampshire Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Dec.,	1915,	224.90 lbs.	4.76 %	10.71 lbs.
Jan.,	1916,	848.10 "	4.76 "	40.37 "
Feb.,	"	852.10 "	4.69 "	39.96 "
Mar.,	"	904.90 "	4.50 "	40.72 "
Apr.,	"	876.30 "	4.90 "	42.94 "
May,	"	855.70 "	4.45 "	38.08 "
June,	"	680.80 "	4.13 "	28.12 "
July,	"	665.50 "	4.66 "	31.01 "
Aug.,	"	600.70 "	4.87 "	29.25 "
Sept.,	"	417.90 "	4.60 "	19.22 "
Oct.,	"	399.10 "	4.77 "	19.04 "
Nov.,	"	315.70 "	4.97 "	15.69 "
Dec.,	"	205.30 "	6.01 "	12.34 "
Total		7847.00 lbs.	4.68 Av. %	367.45 lbs.

Owner's Statement of Feed

Dec., 1915. 7.5 lbs. grain daily of 3 lbs. bran and 1.5 lbs. each corn meal, gluten, and cottonseed meal; 25 lbs. ensilage, 12 lbs. hay.
Jan., 1916. Same ration as December.
Feb., 1916. 9 lbs. grain daily of the following mixture: 200 lbs. bran, 100 lbs. each corn meal, gluten, cottonseed meal, and oil meal, 130 lbs. ground oats, 63 lbs. Ajax Flakes; 4 lbs. beet pulp, 20 lbs. ensilage, 12 lbs. hay.
Mar., 1916. 11 lbs. grain daily of the following mixture: 200 lbs. each bran and Schumacher Feed, 100 lbs. each hominy and oil meal, 50 lbs. each corn meal and cottonseed meal, 125 lbs. Ajax Flakes; 4 lbs. beet pulp, 20 lbs. ensilage.
Apr., 1916. 11 lbs. grain daily of the following mixture: 200 lbs. each bran and Schumacher Feed, 100 lbs. each hominy, gluten, cottonseed meal, and oil meal, 125 lbs. Ajax Flakes; 4 lbs. beet pulp, 20 lbs. ensilage, 12 lbs. hay.
May, 1916. Same ration as April.
June, 1916. 5.8 lbs. grain daily of 1.3 lbs. each bran and Schumacher Feed, .6 lb. each hominy, gluten, cottonseed meal, and oil meal, and .8 lb. Ajax Flakes; 15 lbs. ensilage, pasture.
July, 1916. 6 lbs. grain daily of 1.5 lbs. each bran and hominy and 3 lbs. Schumacher Feed; pasture.
Aug., 1916. 6 lbs. grain daily of 1.7 lbs. each bran and hominy and 2.6 lbs. Schumacher Feed; pasture.
Sept., 1916. 5 lbs. grain daily of 1.4 lbs. each bran and hominy and 2.2 lbs. Schumacher Feed; 28 lbs. hay.
Oct., 1916. 5 lbs. grain daily of the following mixture: 200 lbs. bran, 100 lbs. each hominy and cottonseed meal, 300 lbs. Schumacher Feed, 50 lbs. oil meal; 30 lbs. millet to the 10th, then 20 lbs. ensilage and 11.5 lbs. mixed hay.
Nov., 1916. 4 lbs. grain daily of the following mixture: 200 lbs. each bran and Schumacher Feed, 100 lbs. each hominy and cottonseed meal, 50 lbs. oil meal; 20 lbs. ensilage, 13.5 lbs. hay.
Dec., 1916. 4 lbs. grain daily same mixture as November with 100 lbs. gluten added; 20 lbs. ensilage, 14 lbs. mixed hay.

4961 Imp. Rougette III. of la Croix 53770

Sire Imp. The Conqueror III. (19815) A. R.
Sire On Guernsey Governor of the Chêne (R. G. A. S. 1297 P. S.) A. R.
Dam Imp. Primrose of the Grée (28518).
Dam On Guernsey Rougette of la Croix (R. G. A. S. 3210 F. S.).
Sire On Guernsey.
Dam On Guernsey Rougette d'Avondale (R. G. A. S. 2562 F. S.).
Breeder Thomas Brehaut, Island of Guernsey.
Owner George J. Hicks, Saginaw West Side, Mich.
Born July 31, 1909. *Calved* Jan. 7, 1916. *Served* Oct. 20, 1916.
Requirement for admission: 360.00 lbs. butter fat.

Official year's record: 7472.10 lbs. milk; 374.83 lbs. butter fat.

(Record from Jan. 15, 1916 to Jan. 14, 1917.)
Supervised by Michigan Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Jan.,	1916,	581.05 lbs.	5.24 %	30.45 lbs.
Feb.,	"	1015.00 "	4.74 "	48.11 "
Mar.,	"	955.60 "	4.76 "	45.49 "
Apr.,	"	892.40 "	4.85 "	43.28 "
May,	"	943.20 "	4.90 "	46.22 "
June,	"	846.80 "	5.19 "	43.95 "
July,	"	662.35 "	5.06 "	33.51 "
Aug.,	"	540.50 "	5.35 "	28.92 "
Sept.,	"	486.70 "	5.68 "	27.64 "
Oct.,	"	548.50 "	4.97 "	27.26 "
Nov.,	"	No record given.		
Dec.,	"	" " "		
Jan.,	1917,	" " "		
Total		7472.10 lbs.	5.02 Av. %	374.83 lbs.

Owner's Statement of Feed

Jan., 1916. 9 lbs. grain daily of 3 lbs. each bran and corn flakes and 1 lb. each gluten, cottonseed meal, and oil meal; 2 lbs. beet pulp, 30 lbs. ensilage, 8 lbs. alfalfa.
Feb., 1916. 10 lbs. grain daily of 3 lbs. each bran, corn flakes, and gluten, .5 lb. each cottonseed meal and oil meal; 2 lbs. beet pulp, 25 lbs. ensilage, 6 lbs. alfalfa.
Mar., 1916. 12 lbs. grain daily of 3 lbs. each bran, corn flakes, and gluten and 1 lb. each corn meal, cottonseed meal, and oil meal; 2 lbs. beet pulp, 29 lbs. ensilage, 5 lbs. alfalfa.
Apr., 1916. 11 lbs. grain daily of 3 lbs. each bran, corn flakes, and gluten and 1 lb. each cottonseed meal and oil meal; 2 lbs. beet pulp, 29 lbs. ensilage, 5 lbs. alfalfa.
May, 1916. 9 lbs. grain daily of the following mixture: 50 lbs. bran, 20 lbs. each barley, cottonseed meal, and oil meal, 30 lbs. each corn flakes and gluten; 2 lbs. beet pulp, 25 lbs. ensilage, 5 lbs. alfalfa.
June, 1916. Same ration as given in May.
July, 1916. Same ration as given in May.
Aug., 1916. 8 lbs. grain daily of the following mixture: 50 lbs. bran, 30 lbs. each corn flakes and gluten, 20 lbs. each barley and cottonseed meal, 10 lbs. oil meal; 25 lbs. ensilage, 5 lbs. alfalfa.
Sept., 1916. Same ration as given in August.
Oct., 1916. 9 lbs. grain daily; 8 lbs. of the following mixture with 1 lb. Ajax Flakes added: 100 lbs. bran, 300 lbs. corn flakes, 200 lbs. each gluten and oil meal; 25 lbs. ensilage, 5 lbs. alfalfa.

4962 Gray Girl's Daughter 45841

Sire Glenwood Meddler of Haddon (15748) A. R.
Sire Glenwood's Main Stay (6067) A. R.
Dam Lucretia's Daughter (11256) A. R. 3.
Dam Gray Girl of Alfalfa Farms (31068) A. R. 2297.
Sire Sandbur's Dory (16412) A. R.
Dam Mollie of Alfalfa Farms (31050) A. R. 2344.
Breeder Louis S. Cox, Lawrence, Mass.
Owner Louis S. Cox, Lawrence, Mass.
Born June 15, 1913. *Calved* Dec. 11, 1915. *Served* Aug. 7, 1916.
Requirement for admission: 269.00 lbs. butter fat.

Official year's record: 6458.60 lbs. milk; 345.32 lbs. butter fat.

(Record from Dec. 18, 1915 to Dec. 17, 1916.)
Supervised by New Hampshire Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Dec.,	1915,	361.70 lbs.	4.62 %	16.71 lbs.
Jan.,	1916,	775.70 "	4.62 "	35.84 "
Feb.,	"	660.50 "	4.83 "	31.90 "
Mar.,	"	652.50 "	5.29 "	34.52 "
Apr.,	"	603.60 "	5.43 "	32.78 "
May,	"	610.20 "	5.44 "	33.19 "
June,	"	537.30 "	5.62 "	30.20 "
July,	"	502.90 "	5.79 "	29.12 "
Aug.,	"	462.00 "	5.58 "	25.78 "
Sept.,	"	394.80 "	5.82 "	22.98 "
Oct.,	"	401.00 "	5.80 "	23.26 "
Nov.,	"	329.50 "	5.85 "	19.28 "
Dec.,	"	166.90 "	5.85 "	9.76 "
Total		6458.60 lbs.	5.35 Av. %	345.32 lbs.

Owner's Statement of Feed

Dec., 1915. 8 lbs. grain daily, 6 lbs. Union Grains and 2 lbs. of the following mixture: 3 parts each bran and gluten, 2 parts each ground oats, Distillers' Grains, and oil meal, 1 part each hominy and alfalfa meal, 2.5 parts cottonseed meal; 3 lbs. beet pulp, 20 lbs. ensilage, 12 lbs. hay.
Jan., 1916. Same ration as given in December.
Feb., 1916. 8 lbs. grain daily of 1 lb. hominy and 7 lbs. Union Grains; 3 lbs. beet pulp, 20 lbs. ensilage, 12 lbs. hay.
Mar., 1916. 7 lbs. grain daily of 1 lb. hominy and 6 lbs. Union Grains; 3 lbs. beet pulp, 15 lbs. ensilage, 12 lbs. hay.
Apr., 1916. Same ration as given in March.
May, 1916. Same ration as given in March.
June, 1916. Same grain ration as March; 2 lbs. beet pulp, 12 lbs. ensilage, pasture.
July, 1916. 6 lbs. Union Grains daily; 2 lbs. beet pulp, 20 lbs. (millet, oats, and peas), 4 lbs. hay.
Aug., 1916. 6 lbs. Union Grains daily; 2 lbs. beet pulp, 15 lbs. green millet, 5 lbs. hay.
Sept., 1916. 6 lbs. Union Grains daily; 2 lbs. beet pulp, 15 lbs. green feed, 5 lbs. hay.
Oct., 1916. 6 lbs. Union Grains daily; 2 lbs. beet pulp, 12 lbs. each ensilage and hay.
Nov., 1916. 6 lbs. Unicorn Dairy Ration daily; 16 lbs. ensilage, 12 lbs. hay.
Dec., 1916. 6 lbs. Unicorn Dairy Ration daily; 16 lbs. ensilage, 11 lbs. hay.

4963 **Triple Bay 50624**

Sire Ledyard's Warwick (17299) A. R.
Sire Ledyard Bay (11074) A. R.
Dam Azucena's Pride (17946) A. R. 613.
Dam Triple May (35925).
Sire May Boy of Maplehurst (11704).
Dam Triple Crown (22282) A. R. 1086.
Breeder Cornell University, Ithaca, N. Y.
Owner Cornell University, Ithaca, N. Y.
Born Dec. 31, 1913. *Calved* Jan. 4, 1916. *Served* Mar. 30, 1916.
Requirement for admission: 251.50 lbs. butter fat.

Official year's record: 5470.30 lbs. milk; 290.96 lbs. butter fat.

(Record from Jan. 11, P. M., 1916 to Jan. 11, A. M., 1917.)
Supervised by Cornell Agricultural Experiment Station, Ithaca, N. Y.

Year's Record		*Milk*	*Butter Fat*	
Jan.,	1916,	494.60 lbs.	5.64 %	27.90 lbs.
Feb.,	"	678.00 "	5.15 "	34.92 "
Mar.,	"	676.40 "	5.45 "	36.86 "
Apr.,	"	609.50 "	5.61 "	34.19 "
May,	"	632.10 "	5.16 "	32.62 "
June,	"	543.10 "	5.04 "	27.37 "
July,	"	494.70 "	4.78 "	23.65 "
Aug.,	"	461.80 "	4.84 "	22.35 "
Sept.,	"	376.90 "	5.73 "	21.60 "
Oct.,	"	325.20 "	5.78 "	18.80 "
*Nov.,	"	178.00 "	6.01 "	10.70 "
Dec.,	"	No record given.		
Jan.,	1917,	" " "		
Total		5470.30 lbs.	5.32 Av. %	290.96 lbs.

*6 days lacking.

Owner's Statement of Feed

Jan., 1916. 8 lbs. grain daily of the following mixture: 200 lbs. each bran, hominy, and cottonseed meal, 300 lbs. Ajax Flakes, 100 lbs. gluten; 30 lbs. ensilage.
Feb., 1916. 10 lbs. same grain mixture as given in January; 30 lbs. ensilage.
Mar., 1916. 10 lbs. grain daily of the following mixture: 200 lbs. bran, 300 lbs. each hominy and Ajax Flakes, 100 lbs. each gluten and cottonseed meal; 30 lbs. ensilage, 16 lbs. hay.
Apr., 1916. 10 lbs. grain daily of the following mixture: 200 lbs. bran, 400 lbs. hominy, 300 lbs. Ajax Flakes, 50 lbs. each gluten and cottonseed meal; 40 lbs. ensilage, 10 lbs. hay.
May, 1916. 10 lbs. grain daily to the 17th, 5 lbs. from the 18th to 25th, then 2 lbs. of the following mixture: 200 lbs. bran, 400 lbs. each hominy and Ajax Flakes; 35 lbs. ensilage to the 17th, 20 lbs. from the 18th to the 25th, then pasture.
June, 1916. 2 lbs. grain daily same mixture as given in May; pasture.
July, 1916. 6 lbs. grain daily same mixture as given in May; pasture.
Aug., 1916. Same grain ration as July; oat and pea ensilage, pasture.
Sept., 1916. 8 lbs. grain daily of the following mixture: 400 lbs. each hominy and Ajax Flakes, 200 lbs. wheat feed; ensilage and pasture.
Oct., 1916. 8 lbs. grain daily of the following mixture: 300 lbs. each hominy and Ajax Flakes, 200 lbs. each wheat feed and gluten; ensilage and pasture.
Nov., 1916. Same ration as given in October.

4964 **Langwater Charity 38605**

Sire Imp. Yeoman (8618) A. R.
Sire Yeo (1440 E. G. H. B.).
Dam Imp. Hayes Rosie (15476) A. R. 116.
Dam Rose of Langwater (24204) A. R. 1445.
Sire Jethro Bass (11366) A. R.
Dam Langwater Rosie (21333) A. R. 1563.
Breeder F. Lothrop Ames, North Easton, Mass.
Owner F. Lothrop Ames, North Easton, Mass.
Sold Oct. 10, 1916 to F. D. Stout, Angus, Wis.
Born Nov. 24, 1911. *Calved* Nov. 10, 1915. *Served* May 15, 1916.
Requirement for admission: 322.30 lbs. butter fat.

Official year's record: 12668.80 lbs. milk; 634.77 lbs. butter fat.

(Record from Nov. 13, 1915 to Nov. 12, 1916.)
Supervised by Massachusetts and Wisconsin Agricultural Experiment Stations.

Year's Record		*Milk*	*Butter Fat*	
Nov.,	1915,	689.70 lbs.	4.65 %	32.07 lbs.
Dec.,	"	1420.50 "	4.65 "	66.05 "
Jan.,	1916,	1201.60 "	4.53 "	54.43 "
Feb.,	"	1043.20 "	5.33 "	55.60 "
Mar.,	"	1058.80 "	4.93 "	52.20 "
Apr.,	"	1019.50 "	5.08 "	51.79 "
May,	"	1064.70 "	5.12 "	54.51 "
June,	"	1050.90 "	5.32 "	55.91 "
July,	"	1053.20 "	5.00 "	52.66 "
Aug.,	"	992.30 "	5.19 "	51.50 "
Sept.,	"	917.80 "	5.12 "	46.99 "
Oct.,	"	833.80 "	5.28 "	44.02 "
Nov.,	"	322.80 "	5.28 "	17.04 "
Total		12668.80 lbs.	5.01 Av. %	634.77 lbs.

Owner's Statement of Feed

Nov., 1915. 200.5 lbs. grain of the following amounts: 85.9 lbs. each bran and ground oats, 28.7 lbs. oil meal; 177 lbs. roots, 900 lbs. ensilage, 240 lbs. hay.
Dec., 1915. 470 lbs. grain of the following amounts: 83.4 lbs. each bran, ground oats, and gluten, 26.8 lbs. each hominy and alfalfa meal, 55.4 lbs. each Ajax Flakes, cottonseed meal, and oil meal; 62 lbs. beet pulp, 1240 lbs. roots, 775 lbs. ensilage, 248 lbs. hay.
Jan., 1916. 420.3 lbs. grain of the following amounts: 74.2 lbs. each bran, ground oats, and gluten, 24.6 lbs. each hominy and alfalfa meal, 49.5 lbs. each Ajax Flakes, cottonseed meal, and oil meal; 186 lbs. beet pulp, 1708 lbs. ensilage, 248 lbs. hay.
Feb., 1916. 376.96 lbs. grain of the following amounts: 70.68 lbs. each bran, ground oats, and gluten, 23.56 lbs. hominy, 47.12 lbs. each Ajax Flakes, cottonseed meal, and oil meal; 174 lbs. beet pulp, 1305 lbs. ensilage, 232 lbs. hay.
Mar., 1916. 382.7 lbs. grain of the following amounts: 71.8 lbs. each bran, ground oats, and gluten, 23.9 lbs. hominy, 47.8 lbs. each Ajax Flakes, cottonseed meal, and oil meal; 186 lbs. beet pulp, 1395 lbs. ensilage, 248 lbs. hay.
Apr., 1916. 360 lbs. grain of the following amounts: 67.5 lbs. each bran, ground oats, and gluten, 22.5 lbs. hominy, 45 lbs. each Ajax Flakes, cottonseed meal, and oil meal; 180 lbs. beet pulp, 1350 lbs. ensilage, 210 lbs. hay.
May, 1916. 402.9 lbs. grain of the following amounts: 71.1 lbs. each bran, ground oats, and gluten, 23.7 lbs. each hominy and alfalfa meal, 47.4 lbs. each Ajax Flakes, cottonseed meal, and oil meal; 186 lbs. beet pulp, 1395 lbs. ensilage, 217 lbs. hay.
June, 1916. 359.8 lbs. grain of the following amounts: 63.5 lbs. each bran, ground oats, and Ajax Flakes, 21.2 lbs. each hominy and alfalfa meal, 42.3 lbs. each gluten, cottonseed meal, and oil meal; 180 lbs. beet pulp, green feed, 1050 lbs. ensilage.
July, 1916. 371.96 lbs. grain of the following amounts: 65.64 lbs. each bran, ground oats, and Ajax Flakes, 21.88 lbs. each hominy and alfalfa meal, 43.76 lbs. each gluten, cottonseed meal, and oil meal; 186 lbs. roots, 930 lbs. ensilage, green feed.
Aug., 1916. 372.2 lbs. grain of the following amounts: 69.8 lbs. each bran, ground oats, and Ajax Flakes, 23.3 lbs. hominy, 46.5 lbs. each gluten, cottonseed meal, and oil meal; 186 lbs. beet pulp, 930 lbs. ensilage, 248 lbs. alfalfa.
Sept., 1916. 330.02 lbs. grain of the following amounts: 61.88 lbs. each bran, ground oats, and Ajax Flakes, 20.63 lbs. hominy, 41.25 lbs. each gluten, cottonseed meal, and oil meal; 150 lbs. beet pulp, 900 lbs. green corn, 240 lbs. alfalfa.
Oct., 1916. 372 lbs. grain of the following mixture: 300 lbs. each bran, ground oats, and Ajax Flakes, 100 lbs. hominy, 200 lbs. each gluten, cottonseed meal, and oil meal; 1085 lbs. ensilage, 186 lbs. alfalfa.
Nov., 1916. 144 lbs. grain of the following mixture: 200 lbs. each bran and ground oats, 150 lbs. each corn meal and ground barley, 100 lbs. each gluten feed and oil meal; 144 lbs. roots, 240 lbs. ensilage, hay.

4965 **Kitchener's Golden Idelia of Bella Vista 56865**

Sire Imp. Lord Kitchener (11369) A. R.
Sire Imp. Golden Hero of l'Etiennerie (12647) A. R.
Dam On Guernsey La Fleur du Jardin X. (R. G. A. S. 4706 P. S.).
Dam Golden State Beauty (22807).
Sire Gwendoline's Boy 2d (9183) A. R.
Dam Clementine Mabel (19901) A. R. 2388.
Breeder J. W. Henderson, Berkeley, Cal.
Owner J. W. Henderson, Berkeley, Cal.
Born Jan. 3, 1914. *Calved* Dec. 17, 1915. *Served* Aug. 20, 1916.
Requirement for admission: 250.50 lbs. butter fat.

Official year's record: 6660.40 lbs. milk; 312.97 lbs. butter fat.

(Record from Dec. 21, 1915 to Dec. 20, 1916.)
Supervised by California Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Dec.,	1915,	249.10 lbs.	4.38 %	10.91 lbs.
Jan.,	1916,	764.90 "	4.38 "	33.50 "
Feb.,	"	628.20 "	4.02 "	25.25 "
Mar.,	"	633.80 "	3.79 "	24.02 "
Apr.,	"	603.30 "	5.14 "	31.01 "
May,	"	609.70 "	4.38 "	26.70 "
June,	"	533.50 "	4.62 "	24.65 "
July,	"	528.60 "	4.99 "	26.37 "
Aug.,	"	507.60 "	4.68 "	23.76 "
Sept.,	"	437.00 "	5.08 "	22.20 "
Oct.,	"	478.10 "	5.30 "	25.34 "
Nov.,	"	421.50 "	5.47 "	23.06 "
Dec.,	"	265.10 "	6.11 "	16.20 "
Total		6660.40 lbs.	4.70 Av. %	312.97 lbs.

Owner's Statement of Feed

Dec., 1915. 6.4 lbs. grain daily of 3 lbs. each bran and rolled barley and .4 lb. oil meal; 5 lbs. beet pulp, alfalfa and hay.
Jan., 1916. Same ration as given in December.
Feb., 1916. 7.4 lbs. grain daily of 3.5 lbs. each bran and rolled barley and .4 lb. oil meal; 3 lbs. beet pulp, alfalfa and hay.
Mar., 1916. 7 lbs. grain daily of equal parts bran and rolled barley; hay and pasture.
Apr., 1916. Same grain ration as March; alfalfa, hay, and pasture.
May, 1916. Same grain ration as March; pasture.
June, 1916. Same grain ration as March; alfalfa and mixed hay.
July, 1916. Same ration as given in June.
Aug., 1916. 6 lbs. grain daily of equal parts bran and rolled barley; beets, corn stalks, and alfalfa.
Sept., 1916. Same grain ration as August; 20 lbs. beets and carrots, alfalfa.
Oct., 1916. Same grain ration as March; beets, green corn, and alfalfa.
Nov., 1916. 8 lbs. grain daily of equal parts bran and barley; 5 increased to 20 lbs. ensilage after the 15th, pasture.
Dec., 1916. Same grain ration as August; 20 lbs. ensilage, alfalfa.

4966 **Susie of Homestead 17846**

Sire Homestead's Golden Duke (6906) A. R.
Sire Violet's Duke (4222) A. R.
Dam Golden Anne (13135).
Dam Susie Ovid 3d (15153).
Sire Pomaris (4974).
Dam Susie Ovid (4803).
Breeder L. V. Axtell, Perry, Ohio.
Owner William F. Gable, Wyebrooke, Pa.
Sold Aug. 8, 1916 to Amos W. Sensenich, Lititz, Pa.
Born Feb. 12, 1904. *Calved* Dec. 11, 1915. *Served* July 31, 1916.
Requirement for admission: 360.00 lbs. butter fat.

Official year's record: 6467.50 lbs. milk; 370.43 lbs. butter fat.

(Record from Dec. 18, 1915 to Dec. 17, 1916.)
Supervised by Pennsylvania Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Dec.,	1915,	458.10 lbs.	5.55 %	25.42 lbs.
Jan.,	1916,	961.80 "	5.55 "	53.38 "
Feb.,	"	826.20 "	5.57 "	46.02 "
Mar.,	"	753.10 "	6.36 "	47.90 "
Apr.,	"	651.10 "	5.91 "	38.48 "
May,	"	577.80 "	6.21 "	35.88 "
June,	"	498.90 "	5.35 "	26.69 "
July,	"	449.90 "	4.95 "	22.27 "
Aug.,	"	399.60 "	5.51 "	22.02 "
Sept.,	"	367.60 "	5.37 "	19.74 "
Oct.,	"	298.10 "	6.63 "	19.76 "
Nov.,	"	163.50 "	5.85 "	9.56 "
Dec.,	"	61.80 "	5.36 "	3.31 "
Total		6467.50 lbs.	5.73 Av. %	370.43 lbs.

Owner's Statement of Feed

Dec., 1915. 11 lbs. grain daily of 5 lbs. each bran and Union Grains and 1 lb. oil meal; 3 lbs. beet pulp, 12 lbs. roots, ensilage and hay.
Jan., 1916. 13 lbs. grain daily of 3 lbs. each bran and ground oats, 6 lbs. Union Grains, and 1 lb. oil meal; ensilage and hay.
Feb., 1916. 13 lbs. grain daily of 4 lbs. bran, 2 lbs. ground oats, 6 lbs. Union Grains, and 1 lb. oil meal; 2 lbs. beet pulp, ensilage and hay.
Mar., 1916. 15 lbs. grain daily of 4 lbs. bran, 2 lbs. ground oats, 8 lbs. Union Grains, and 1 lb. oil meal; ensilage, alfalfa, and hay.
Apr., 1916. 11.5 lbs. grain daily of 4 lbs. bran, 6 lbs. Union Grains, and 1.5 lbs. oil meal; ensilage and hay.
May, 1916. 13 lbs. grain daily of 4.5 lbs. bran, 7.5 lbs. Union Grains, and 1 lb. cottonseed meal; hay, pasture after the 14th.
June, 1916. 10 lbs. grain daily of 4 lbs. bran and 6 lbs. Union Grains; green feed.
July, 1916. 10 lbs. grain daily of equal parts bran and Union Grains; green clover and alfalfa.
Aug., 1916. 11 lbs. grain daily to the 11th of 5 lbs. each bran and Union Grains and 1 lb. oil meal, then of 5 lbs. each bran and Unicorn Dairy Ration and 1 lb. oil meal; green alfalfa to the 11th then pasture.
Sept., 1916. Same grain ration as last of August; ensilage after the 22d, pasture.
Oct., 1916. Grain daily of equal parts bran, Ajax Flakes, and gluten; ensilage and alfalfa.
Nov., 1916. 4 lbs. grain daily of the following mixture: 100 lbs. each bran and gluten, 400 lbs. corn meal, 125 lbs. Ajax Flakes, 75 lbs. cottonseed meal; 30 lbs. ensilage, stover.
Dec., 1916. 4 lbs. grain daily of the following mixture: 100 lbs. each bran, corn meal, gluten, cottonseed meal, and oil meal, 200 lbs. each ground oats and Ajax Flakes; 30 lbs. ensilage, stover and alfalfa.

4967 **Imp. Nelly of Anna Dean Farm 2d 47592**

Sire Imp. Roberts' Boy (21662) A. R.
Sire On Guernsey My Fancy (R. G. A. S. 1949 P. S.).
Dam On Guernsey Lady Roberts (R. G. A. S. 2116 F. S.).
Dam Imp. Nelly of Anna Dean Farm (46895) A. R. 3196.
Sire Imp. Masher's Sequel (11462) A. R.
Dam On Guernsey Nelly des Tilleuls (R. G. A. S. 2313 F. S.).
Breeder Thomas H. Mahy, Island of Guernsey.
Owner O. C. Barber, Barberton, Ohio.
Born Oct. 24, 1912. *Calved* Nov. 11, 1915. *Served* June 30, 1916.
Requirement for admission: 289.80 lbs. butter fat.

Official year's record: 9557.60 lbs. milk; 457.15 lbs. butter fat.

(Record from Nov. 22, 1915 to Nov. 21, 1916.)
Supervised by Ohio State University, Columbus, Ohio.

Year's Record		*Milk*	*Butter Fat*	
Nov.,	1915,	295.10 lbs.	4.85 %	14.31 lbs.
Dec.,	"	1121.90 "	4.23 "	47.46 "
Jan.,	1916,	949.00 "	5.14 "	48.78 "
Feb.,	"	816.20 "	4.56 "	37.22 "
Mar.,	"	817.50 "	5.12 "	41.86 "
Apr.,	"	845.60 "	4.71 "	39.83 "
May,	"	790.90 "	4.36 "	34.48 "
June,	"	792.10 "	4.81 "	38.10 "
July,	"	790.80 "	5.03 "	39.78 "
Aug.,	"	733.20 "	4.57 "	33.51 "
Sept.,	"	712.50 "	4.61 "	32.85 "
Oct.,	"	565.50 "	5.40 "	30.54 "
Nov.,	"	327.30 "	5.63 "	18.43 "
Total		9557.60 lbs.	4.78 Av. %	457.15 lbs.

Owner's Statement of Feed

Nov., 1915. 6 lbs. grain daily of the following mixture: 200 lbs. each bran and oats, 100 lbs. each Ajax Flakes and oil meal; 25 lbs. beets, 10 lbs. alfalfa.
Dec., 1915. 13.5 lbs. grain daily, 12 lbs. of the following mixture with 1.5 lbs. oil meal added: 200 lbs. each bran and oil meal, 100 lbs. each corn meal and cottonseed meal, 500 lbs. each ground oats and Ajax Flakes, 300 lbs. gluten; 20 lbs. beets, 15 lbs. ensilage, 10 lbs. alfalfa.
Jan., 1916. Same ration as given in December.
Feb., 1916. 13.5 lbs. grain daily, 1.5 lbs. each buckwheat middlings, gluten, and oil meal and 9 lbs. of same mixture as December; 15 lbs. roots, 20 lbs. ensilage, 10 lbs. alfalfa.
Mar., 1916. 15 lbs. grain daily, 1.5 lbs. each gluten, cottonseed meal, and oil meal and 10.5 lbs. of the following mixture: 200 lbs. each bran, cottonseed meal, and oil meal, 100 lbs. corn meal, 500 lbs. ground oats, 300 lbs. each Ajax Flakes and gluten; 5 lbs. beet pulp, 15 lbs. roots, 20 lbs. ensilage, 10 lbs. alfalfa.
Apr., 1916. 15.5 lbs. grain daily, 15 lbs. of the following mixture with .5 lb. Ajax Flakes added: 500 lbs. each bran and gluten, 100 lbs. oats, 250 lbs. Ajax Flakes, 200 lbs. cottonseed meal; 3 lbs. beet pulp, 15 lbs. beets, 10 lbs. each ensilage and alfalfa.
May, 1916. 8 lbs. grain daily of the following mixture: 200 lbs. each bran, gluten feed, and cottonseed meal, 100 lbs. hominy, 250 lbs. each oats and Ajax Flakes, 300 lbs. oil meal; 12 lbs. ensilage, 10 lbs. alfalfa, 12 lbs. whole beets to the 15th then 3 hours pasture.
June, 1916. 14 lbs. grain daily, 12 lbs. same mixture as May with 2 lbs. Ajax Flakes added; 2 lbs. beet pulp, 12 lbs. ensilage, 10 lbs. alfalfa.
July, 1916. 12 lbs. grain daily same mixture as May; 1 lb. beet pulp, 20 lbs. ensilage, oat and alfalfa hay.
Aug., 1916. Same grain ration as July; 25 lbs. ensilage, 10 lbs. hay.
Sept., 1916. 15 lbs. grain daily same mixture as May; 25 lbs. ensilage, 10 lbs. alfalfa.
Oct., 1916. 12 lbs. grain daily of the following mixture: 200 lbs. each bran, gluten, and cottonseed meal, 100 lbs. hominy, 250 lbs. Ajax Flakes, 300 lbs. oil meal; 22 lbs. ensilage, 25 lbs. alfalfa.
Nov., 1916. 12 lbs. grain daily of the following mixture: 300 lbs. each bran and oil meal, 200 lbs. each hominy, gluten, and cottonseed meal, 400 lbs. ground oats; 20 lbs. ensilage, 8 lbs. alfalfa.

4968 Imp. Jennie VII. of the Hubits 53650

Sire On Guernsey Governor of the Chêne (R. G. A. S. 1297 P. S.) A. R.
Sire On Guernsey Compact (R. G. A. S. 1076 P. S.).
Dam On Guernsey Richesse du Chêne VIII. (R. G. A. S. 4004 P. S.).
Dam On Guernsey Jennie III. of the Hubits (R. G. A. S. 3592 F. S.).
Sire On Guernsey.
Dam On Guernsey Jennie of the Hubits.
Breeder S. Yearsley, Island of Guernsey.
Owner R. H. Dutton, Colmar, Pa.
Born Nov. 11, 1913. *Calved* Dec. 25, 1915. *Served* July 14, 1916.
Requirement for admission: 255.90 lbs. butter fat.

Official year's record: 7732.90 lbs. milk; 399.24 lbs. butter fat.

(Record from Jan. 5, 1916 to Jan. 4, 1917.)
Supervised by National Farm School, Farm School, Pa.

Year's Record		*Milk*	*Butter Fat*	
Jan.,	1916,	636.00 lbs.	5.23 %	33.26 lbs.
Feb.,	"	749.20 "	5.23 "	39.18 "
Mar.,	"	822.30 "	4.89 "	40.21 "
Apr.,	"	780.30 "	4.70 "	36.67 "
May,	"	791.20 "	4.78 "	37.82 "
June,	"	652.60 "	5.66 "	36.94 "
July,	"	580.10 "	5.40 "	31.33 "
Aug.,	"	542.80 "	5.18 "	28.12 "
Sept.,	"	541.60 "	5.26 "	28.49 "
Oct.,	"	526.90 "	5.74 "	30.24 "
Nov.,	"	532.10 "	5.04 "	26.82 "
Dec.,	"	513.60 "	5.22 "	26.81 "
Jan.,	1917,	64.20 "	5.22 "	3.35 "
Total		7732.90 lbs.	5.16 Av. %	399.24 lbs.

Owner's Statement of Feed

Jan., 1916. 6 increased to 12 lbs. grain daily of the following mixture: 200 lbs. each bran, corn meal, ground oats, buckwheat, wheat, alfalfa meal, and oil meal, 500 lbs. Brewers' Grains, 375 lbs. gluten; 50 lbs. beets, 20 lbs. ensilage, 5 lbs. hay.
Feb., 1916. 6 lbs. grain daily to the 11th then increased to 12 lbs. of the same mixture as January; 25 lbs. beets, 20 lbs. ensilage, 8 lbs. hay.
Mar., 1916. 16 lbs. grain daily, 12 lbs. of the following mixture with 4 lbs. alfalfa meal added: 200 lbs. each bran, ground oats, buckwheat, and gluten, 350 lbs. Brewers' Grains, 100 lbs. oil meal; 7.5 lbs. beet pulp, 5 lbs. hay.
Apr., 1916. 14 lbs. grain daily, 12 lbs. of the following mixture with 2 lbs. alfalfa meal added: 200 lbs. each bran and buckwheat, 225 lbs. each corn meal and cottonseed meal, 400 lbs. Brewers' Grains, 100 lbs. each gluten and oil meal; 8 lbs. beet pulp, 3 lbs. corn fodder, 5 lbs. hay.
May, 1916. 12 lbs. grain daily of the following mixture: 200 lbs. each bran and buckwheat, 225 lbs. corn meal, 400 lbs. Brewers' Grains, 100 lbs. each gluten and oil meal, 233 lbs. cottonseed meal; 8 lbs. beet pulp, 3 lbs. hay, pasture.
June, 1916. 12 lbs. grain daily of the following mixture: 150 lbs. each bran, alfalfa meal, and oil meal, 300 lbs. corn meal, 400 lbs. each Brewers' Grains and Distillers' Grains, 350 lbs. each buckwheat and cottonseed meal; 5 lbs. beet pulp to the 5th, pasture.
July, 1916. 12 lbs. grain daily of the following mixture: 150 lbs. each bran and alfalfa meal, 300 lbs. corn meal, 450 lbs. Brewers' Grains, 500 lbs. Distillers' Grains, 350 lbs. cottonseed meal, 100 lbs. oil meal; 50 lbs. green corn, pasture.
Aug., 1916. 12 lbs. grain daily of the following mixture: 50 lbs. each bran and corn meal, 80 lbs. Distillers' Grains, 60 lbs. each Brewers' Grains and cottonseed meal, 30 lbs. each buckwheat and oil meal; 50 lbs. green corn, pasture.
Sept., 1916. 12 lbs. grain daily of the following mixture: 30 lbs. each bran and buckwheat, 40 lbs. corn meal, 100 lbs. Brewers' Grains, 70 lbs. Distillers' Grains, 20 lbs. each gluten and alfalfa meal, 50 lbs. cottonseed meal, 10 lbs. oil meal; 10 lbs. hay, pasture.
Oct., 1916. 12 lbs. grain daily of the following mixture: 40 lbs. each bran, corn meal, and alfalfa meal, 50 lbs. buckwheat, 30 lbs. each hominy and oil meal, 100 lbs. Brewers' Grains, 70 lbs. Distillers' Grains; 10 lbs. each beets and hay.
Nov., 1916. 7.5 lbs. grain daily of the following mixture: 400 lbs. each bran, cottonseed meal, and alfalfa meal, 500 lbs. buckwheat, 1000 lbs. Brewers' Grains, 700 lbs. Distillers' Grains, 300 lbs. each gluten and oil meal; 10 lbs. each beets and alfalfa, 15 lbs. ensilage.
Dec., 1916. 7.5 lbs. grain daily of the following mixture with 8 quarts corn and cob meal added: 300 lbs. each bran and alfalfa meal, 500 lbs. buckwheat, 100 lbs. Brewers' Grains, 400 lbs. cottonseed meal, 200 lbs. oil meal; 10 lbs. beets, 15 lbs. ensilage, 5 lbs. each corn fodder and hay.
Jan., 1917. Same ration as given in December.

4969 Finella of the Forges 46979

Sire Faustus of the Forges (19147).
Sire Quintilla's Great Grandson (15597).
Dam Fancy of Clydehurst (24775).
Dam Fanchon of Clydehurst (27384) A. R. 4911.
Sire Distinction (11490) A. R.
Dam Faith of Clydehurst (20349).
Breeder Sherman L. Whipple, Plymouth, Mass.
Owner Sherman L. Whipple, Plymouth, Mass.
Born Apr. 10, 1913. *Calved* Nov. 22, 1915. *Served* Sept. 26, 1916.
Requirement for admission: 274.10 lbs. butter fat.

Official year's record: 8484.20 lbs. milk; 453.47 lbs. butter fat.

(Record from Dec. 3, 1915 to Dec. 2, 1916.)
Supervised by Massachusetts Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Dec.,	1915,	727.60 lbs.	4.95 %	36.02 lbs.
Jan.,	1916,	746.30 "	4.70 "	35.08 "
Feb.,	"	680.80 "	5.28 "	36.95 "
Mar.,	"	736.00 "	5.27 "	38.79 "
Apr.,	"	739.70 "	5.69 "	42.09 "
May,	"	785.20 "	5.61 "	44.05 "
June,	"	772.50 "	5.60 "	43.26 "
July,	"	756.70 "	5.15 "	38.97 "
Aug.,	"	707.20 "	5.26 "	37.20 "
Sept.,	"	646.20 "	5.21 "	33.67 "
Oct.,	"	603.10 "	5.82 "	35.10 "
Nov.,	"	547.30 "	5.54 "	30.32 "
Dec.,	"	35.60 "	5.54 "	1.97 "
Total		8484.20 lbs.	5.34 Av. %	453.47 lbs.

Owner's Statement of Feed

Dec., 1915. 8 lbs. grain daily of the following mixture: 600 lbs. bran, 100 lbs. each corn meal, gluten, and oil meal, 300 lbs. ground oats; 20 lbs. roots, 30 lbs. ensilage, clover hay.
Jan., 1916. Same ration as given in December.
Feb., 1916. Same ration as given in December.
Mar., 1916. Same ration as given in December.
Apr., 1916. 12 lbs. grain daily of the following mixture: 300 lbs. bran, 100 lbs. each corn meal, ground oats, and oil meal, 50 lbs. each gluten and cottonseed meal; 3 lbs. beet pulp, 40 lbs. ensilage, 10 lbs. hay.
May, 1916. Same ration as given in April.
June, 1916. Same grain ration as given in April; 40 lbs. ensilage, green feed.
July, 1916. Same ration as given in June.
Aug., 1916. 12 lbs. Stevens Dairy Ration daily; 40 lbs. ensilage, green feed.
Sept., 1916. 12 lbs. Cow Chow daily; clover hay.
Oct., 1916. Same grain ration as April; ensilage and hay.
Nov., 1916. Same grain ration as April; beet pulp, ensilage, and hay.
Dec., 1916. Same grain ration as October; turnips, 40 lbs. ensilage, hay.

4970 Imp. Polly of the Russel 33217

Sire On Guernsey Scottie of the Gâchères (R. G. A. S. 1353 P. S.) A. R.
Sire On Guernsey Ranger (R. G. A. S. 1032 P. S.).
Dam On Guernsey Topsy des Effards (R. G. A. S. 2171 F. S.).
Dam On Guernsey Polly of the Nicolles (R. G. A. S. 2930 F. S.).
Sire On Guernsey May Boy of the Gâchères (R. G. A. S. 1311 P. S.) A. R.
Dam On Guernsey Daisy of the Nicolles.
Breeder Mrs. Martin, Island of Guernsey.
Owner F. Lothrop Ames, North Easton, Mass.
Born Feb. 13, 1904. *Calved* Dec. 14, 1915. *Served* Apr. 25, 1916.
Requirement for admission: 360.00 lbs. butter fat.

Official year's record: 8923.10 lbs. milk; 403.97 lbs. butter fat.

(Record from Dec. 19, 1915 to Dec. 18, 1916.)
Supervised by Massachusetts Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Dec.,	1915,	543.00 lbs.	4.08 %	22.15 lbs.
Jan.,	1916,	1310.90 "	4.08 "	53.48 "
Feb.,	"	1121.50 "	4.38 "	49.12 "
Mar.,	"	1009.50 "	4.60 "	46.44 "
Apr.,	"	904.80 "	4.58 "	41.44 "
May,	"	859.70 "	4.61 "	39.63 "
June,	"	766.90 "	4.48 "	34.36 "
July,	"	751.40 "	4.56 "	34.26 "
Aug.,	"	623.20 "	4.55 "	28.36 "
Sept.,	"	494.40 "	4.94 "	24.42 "
Oct.,	"	361.70 "	5.61 "	20.29 "
Nov.,	"	155.10 "	5.66 "	8.78 "
Dec.,	"	21.00 "	5.89 "	1.24 "
Total		8923.10 lbs.	4.53 Av. %	403.97 lbs.

Owner's Statement of Feed

Dec., 1915. 115.9 lbs. grain; 16.6 lbs. each bran, corn meal, and oil meal, 24.8 lbs. ground oats, 33 lbs. Ajax Flakes, 8.3 lbs. cottonseed meal; 33 lbs. beet pulp, 390 lbs. ensilage, 91 lbs. hay.

Jan., 1916. 455.7 lbs. grain; 80.5 lbs. each bran, ground oats, and gluten, 26.7 lbs. each hominy and alfalfa meal, 53.6 lbs. each Ajax Flakes, cottonseed meal, and oil meal; 155 lbs. beet pulp, 1395 lbs. ensilage, 248 lbs. hay.

Feb., 1916. 415.1 lbs. grain; 77.9 lbs. each bran, ground oats, and gluten, 26 lbs. hominy, 51.8 lbs. each Ajax Flakes, cottonseed meal, and oil meal; 174 lbs. beet pulp, 1305 lbs. ensilage, 232 lbs. hay.

Mar., 1916. 397.8 lbs. grain; 74.6 lbs. each bran, ground oats, and gluten, 24.9 lbs. hominy, 49.7 lbs. each Ajax Flakes, cottonseed meal, and oil meal; 186 lbs. beet pulp, 1395 lbs. ensilage, 248 lbs. hay.

Apr., 1916. 320.87 lbs. grain; 60.16 lbs. each bran, ground oats, and gluten, 20.06 lbs. hominy, 40.11 lbs. each Ajax Flakes, cottonseed meal, and oil meal; 150 lbs. beet pulp, 1200 lbs. ensilage, 210 lbs. hay.

May, 1916. 340.85 lbs. grain; 60.15 lbs. each bran, ground oats, and gluten, 20.05 lbs. each hominy and alfalfa meal, 40.1 lbs. each Ajax Flakes, cottonseed meal, and oil meal; 186 lbs. beet pulp, 1085 lbs. ensilage, 217 lbs. hay.

June, 1916. 278.2 lbs. grain; 49.1 lbs. each bran, ground oats, and Ajax Flakes, 16.4 lbs. each hominy and alfalfa meal, 32.7 lbs. each gluten, cottonseed meal, and oil meal; 180 lbs. beet pulp, 750 lbs. ensilage, green feed.

July, 1916. 279.03 lbs. grain; 49.23 lbs. each bran, ground oats, and Ajax Flakes, 16.41 lbs. each hominy and alfalfa meal, 32.84 lbs. each gluten, cottonseed meal, and oil meal; 155 lbs. roots, 930 lbs. ensilage, green feed.

Aug., 1916. 278.4 lbs. grain; 52.2 lbs. each bran, ground oats, and Ajax Flakes, 17.4 lbs. hominy, 34.8 lbs. each gluten, cottonseed meal, and oil meal; 155 lbs. beet pulp, 775 lbs. ensilage, 217 lbs. alfalfa.

Sept., 1916. 210.04 lbs. grain; 39.38 lbs. each bran, ground oats, and Ajax Flakes, 13.15 lbs. hominy, 26.25 lbs. each gluten, cottonseed meal, and oil meal; 60 lbs. beet pulp, 750 lbs. green corn, 180 lbs. alfalfa.

Oct., 1916. 248 lbs. grain; 46.5 lbs. each bran, ground oats, and Ajax Flakes, 15.5 lbs. hominy, 31 lbs. each gluten, cottonseed meal, and oil meal; 930 lbs. ensilage, 248 lbs. hay.

Nov., 1916. 219.2 lbs. grain; 41.1 lbs. each bran, ground oats, and Ajax Flakes, 13.7 lbs. corn meal, 27.4 lbs. each gluten, cottonseed meal, and oil meal; 1050 lbs. ensilage, 210 lbs. hay.

Dec., 1916. 108.3 lbs. grain; 22.8 lbs. each bran and ground oats, 5.7 lbs. corn meal, 28.5 lbs. Ajax Flakes, 11.4 lbs. Stock Feed, 17.1 lbs. oil meal; 540 lbs. ensilage, 126 lbs. hay.

4971 Princess Virginia 42460

Sire Bonny Boy of Rosendale (12346).
Sire Skeezicks (9979) A. R.
Dam Mernie of Rosendale (18340) A. R. 658.
Dam Imp. Princess of the Briquet VIII. (23256).
Sire Imp. Golden Noble (10508) A. R.
Dam On Guernsey Princess of the Briquet IV. (R. G. A. S. 4212 P. S.).
Breeder Bascom Parker, Niles, Mich.
Owner Ballard Brothers, Niles, Mich.
Born Dec. 27, 1909. *Calved* Dec. 23, 1915.
Requirement for admission: 360.00 lbs. butter fat.

Official year's record: 8125.00 lbs. milk; 409.72 lbs. butter fat.

(Record from Dec. 26, 1915 to Dec. 25, 1916.)
Supervised under one day test by Michigan Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Dec.,	1915,	190.30 lbs.	5.40 %	10.28 lbs.
Jan.,	1916,	1353.40 "	4.79 "	64.83 "
Feb.,	"	1170.90 "	5.30 "	62.06 "
Mar.,	"	1178.90 "	5.13 "	60.48 "
Apr.,	"	1044.60 "	4.92 "	51.39 "
May,	"	898.60 "	5.25 "	47.18 "
June,	"	692.70 "	4.93 "	34.15 "
July,	"	622.80 "	5.02 "	31.26 "
Aug.,	"	460.60 "	4.70 "	21.65 "
Sept.,	"	297.80 "	5.45 "	16.23 "
Oct.,	"	162.10 "	4.76 "	7.72 "
*Nov.,	"	52.30 "	4.76 "	2.49 "
Dec.,	"	Dry.		
Total		8125.00 lbs.	5.04 Av. %	409.72 lbs.

*15 days dry.

Owner's Statement of Feed

Dec., 1915. 6 lbs. grain daily of 2 lbs. bran and 4 lbs. of (.2 lb. corn and .8 lb. oats); 3 lbs. beet pulp, 30 lbs. ensilage, 10 lbs. alfalfa, 5 lbs. clover hay.

Jan., 1916. 16 lbs. grain daily of 1.5 lbs. each bran and oil meal, 7 lbs. of (.2 lb. corn and .8 lb. oats), and 6 lbs. Badger Dairy Feed; 2 lbs. dry and 10 lbs. wet beet pulp, 4 lbs. each ear corn and clover, 20 lbs. ensilage, 8 lbs. alfalfa.

Feb., 1916. 16.5 lbs. grain daily to the 25th of 4.5 lbs. bran, 3.5 lbs. each corn meal and ground oats, 3 lbs. Badger Dairy Feed, 1.5 lbs. oil meal, .5 lb. molasses meal; 2 lbs. dry and 10 lbs. wet beet pulp, 20 lbs. ensilage, 4 lbs. soft corn, 10 lbs. alfalfa, 3 lbs. clover hay; then 14.5 lbs. grain daily, 2 lbs. bran, .5 lb. molasses, and 12 lbs. of the following mixture: .25 lb. each corn and oats, .5 lb. Unicorn Dairy Ration; same roughage except 5 lbs. clover hay instead of 3.

Mar., 1916. 14 lbs. grain daily to the 20th, 12 lbs. of the following mixture with 2 lbs. bran added: .25 lb. each corn and oats, .5 lb. Unicorn Dairy Ration; 2 lbs. dry and 10 lbs. wet beet pulp, 20 lbs. ensilage, 12 lbs. alfalfa, 5 lbs. clover hay; then 12 lbs. grain daily, 6 lbs. of same mixture with 6 lbs. Unicorn Dairy Ration added; same roughage.

Apr., 1916. Same ration as given in March.

May, 1916. 8 lbs. grain daily of the following mixture: .25 lb. each corn and oats, .5 lb. Unicorn Dairy Ration; 1 lb. beet pulp, 20 lbs. ensilage, 3 lbs. alfalfa, pasture.

June, 1916. Same grain ration as May; .33⅓ lb. molasses, 20 lbs. ensilage, 2 lbs. alfalfa, pasture.

July, 1916. Same grain ration as May; .25 lb. molasses, .5 lb. beet pulp, 20 lbs. ensilage, 2 lbs. alfalfa, pasture.

Aug., 1916. 6 lbs. grain daily same mixture as May; .25 lb. molasses, .5 lb. beet pulp, 25 lbs. ensilage, 8 lbs. alfalfa.

Sept., 1916. 6 lbs. grain daily of 1 lb. each corn, oats, and Speltz, and 3 lbs. Unicorn Dairy Ration; .33⅓ lb. molasses, 1 lb. beet pulp, 20 lbs. ensilage, 8 lbs. alfalfa, pasture.

Oct., 1916. 2 lbs. grain daily same mixture as September; .33⅓ lb. molasses, 20 lbs. ensilage, 8 lbs. alfalfa.

Nov., 1916. 1 lb. grain daily same mixture as September; .33⅓ lb. molasses, 20 lbs. ensilage, 10 lbs. alfalfa.

4972 Imp. Jessamine of the Ponchez 52788

Sire Imp. Chieftain of Les Chevaliers (18419) A. R.
Sire On Alderney Chieftain (R. A. A. S. 62 F. S.) A. R.
Dam On Alderney Daisy III. (R. A. A. S. 857 P. S.).
Dam On Alderney Dairymaid of the Hougue II. (R. A. A. S. 1093 P. S.).
Sire On Alderney Chieftain (R. A. A. S. 62 F. S.) A. R.
Dam On Alderney Dairymaid of the Hougue (R. A. A. S. 576 F. S.).
Breeder W. P. Duplain, Island of Alderney.
Owner W. W. Marsh, Waterloo, Iowa.
Born Jan. 31, 1911. *Calved* Dec. 14, 1915. *Served* April 21, 1916.
Requirement for admission: 355.30 lbs. butter fat.

Official year's record: 11422.20 lbs. milk; 611.28 lbs. butter fat.

(Record from Dec. 16, 1915 to Dec. 15, 1916.)
Supervised under one day test by Iowa Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Dec.,	1915,	624.10 lbs.	5.58 %	34.82 lbs.
Jan.,	1916,	1401.60 "	4.53 "	63.49 "
Feb.,	"	1258.20 "	5.08 "	63.92 "
Mar.,	"	1235.30 "	4.86 "	60.04 "
Apr.,	"	1109.50 "	5.23 "	58.03 "
May,	"	1105.20 "	5.32 "	58.80 "
June,	"	964.40 "	5.33 "	51.40 "
July,	"	902.50 "	5.53 "	49.91 "
Aug.,	"	797.10 "	5.37 "	42.80 "
Sept.,	"	624.30 "	6.14 "	38.33 "
Oct.,	"	556.40 "	6.29 "	35.00 "
Nov.,	"	548.30 "	6.49 "	35.58 "
Dec.,	"	295.30 "	6.49 "	19.16 "
Total		11422.20 lbs.	5.35 Av. %	611.28 lbs.

Owner's Statement of Feed

Dec., 1915. 5 lbs. grain daily of 2 lbs. each bran and ground oats and 1 lb. Schumacher Feed; 12 lbs. each beets and hay.
Jan., 1916. 10 lbs. grain daily of 2.5 lbs. bran, .5 lb. each corn, cottonseed meal, and oil meal, 1 lb. Ajax Flakes, and 5 lbs. Schumacher Feed; 18 lbs. beets, 15 lbs. alfalfa.
Feb., 1916. 10 lbs. grain daily of 1 lb. each bran, oats, and Ajax Flakes, 6 lbs. Schumacher Feed, and .5 lb. each cottonseed meal and oil meal; 18 lbs. beets, 15 lbs. hay.
Mar., 1916. 11 lbs. grain daily of 3 lbs. each bran and oats, 1 lb. corn, 2 lbs. hominy, 1.5 lbs. Ajax Flakes, and .5 lb. oil meal; 4 lbs. beet pulp, 5 lbs. beets, 10 lbs. each ensilage and hay.
Apr., 1916. 10 lbs. grain daily of 2 lbs. each bran and oats, 1 lb. each hominy, Ajax Flakes, and oil meal, and 3 lbs. Schumacher Feed; 2 lbs. beet pulp, 10 lbs. ensilage, 8 lbs. alfalfa.
May, 1916. Same ration as given in April.
June, 1916. 8 lbs. grain daily of 2 lbs. each bran, oats, and Schumacher Feed and 1 lb. each hominy and Ajax Flakes; 12 lbs. clover and timothy hay, 2 hours pasture.
July, 1916. 9.5 lbs. grain daily of 3 lbs. bran, 4 lbs. oats, 1 lb. Schumacher Feed, and .5 lb. each gluten, cottonseed meal, and oil meal; oats and peas, 3 lbs. mixed hay.
Aug., 1916. Same ration as given in July.
Sept., 1916. 9 lbs. grain daily of 3 lbs. bran, 1 lb. each hominy and cottonseed meal, and 2 lbs. each oats and Schumacher Feed; green corn, 10 lbs. clover hay.
Oct., 1916. 8 lbs. grain daily of 1.5 lbs. bran, .5 lb. each hominy, gluten, and oil meal, 2 lbs. each oats and Schumacher Feed, and 1 lb. Ajax Flakes; 8 lbs. beets, 10 lbs. timothy hay.
Nov., 1916. Same ration as given in October.
Dec., 1916. Same ration as given in October.

4973 Thirty Thousand Six Hundred Ten 30610

Sire Prince of Groton (9841) A. R.
Sire Sheet Anchor 3d (4714).
Dam Neuetzin (10658).
Dam Anne Picotte (21823).
Sire Picotte of Hardwick (7384) A. R.
Dam Anne of Hardwick (14541).
Breeder George Mixter, Hardwick, Mass.
Owner Est. George Mixter, Hardwick, Mass.
Born Apr. 26, 1906. *Calved* Dec. 18, 1915. *Served* July 29, 1916.
Requirement for admission: 360.00 lbs. butter fat.

Official year's record: 9906.60 lbs. milk; 434.07 lbs. butter fat.

(Record from Dec. 24, 1915 to Dec. 23, 1916.)
Supervised by Massachusetts Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Dec.,	1915,	315.20 lbs.	3.90 %	12.29 lbs.
Jan.,	1916,	1269.80 "	3.90 "	49.52 "
Feb.,	"	1086.20 "	4.23 "	45.95 "
Mar.,	"	1139.50 "	4.12 "	46.95 "
Apr.,	"	1077.90 "	4.17 "	44.95 "
May,	"	1036.80 "	4.58 "	47.49 "
June,	"	874.90 "	4.30 "	37.62 "
July,	"	711.00 "	4.69 "	33.35 "
Aug.,	"	652.50 "	4.82 "	31.45 "
Sept.,	"	594.80 "	4.72 "	28.07 "
Oct.,	"	514.80 "	4.68 "	24.09 "
Nov.,	"	362.20 "	5.24 "	18.98 "
Dec.,	"	271.00 "	4.93 "	13.36 "
Total		9906.60 lbs.	4.38 Av. %	434.07 lbs.

Owner's Statement of Feed

Dec., 1915. 10 lbs. grain daily of the following mixture: 100 lbs. each bran, hominy, ground oats, cottonseed meal, and linseed meal, 250 lbs. Ajax Flakes; 2 lbs. beet pulp, 20 lbs. ensilage, alfalfa, clover, and mixed hay.
Jan., 1916. 12 lbs. grain daily same mixture as December; same roughage.
Feb., 1916. Same ration as given in January.
Mar., 1916. Same ration as given in January.
Apr., 1916. Same ration as given in January.
May, 1916. Same grain ration as January; 2 lbs. beet pulp, 20 lbs. ensilage, alfalfa, clover, and mixed hay to the 14th, no beet pulp and 10 lbs. ensilage with hay from the 15th to the 19th, then 10 lbs. ensilage, green feed, and pasture.
June, 1916. 12 lbs. grain daily of the following mixture: 100 lbs. each bran, corn meal, ground oats, and linseed meal, 200 lbs. hominy, 250 lbs. Ajax Flakes; same roughage as December.
July, 1916. Same grain ration as January; 20 lbs. ensilage, clover, alfalfa, and mixed hay, pasture.
Aug., 1916. Same ration as given in July.
Sept., 1916. Same ration as given in July.
Oct., 1916. Same ration as January with pasture to the 7th.
Nov., 1916. Same ration as given in January.
Dec., 1916. Same ration as given in January.

4974 Duke's Fairy 48390

Sire Duke of Waumesit (13480) A. R.
Sire Modena's Yeoman of Langwater (10764) A. R.
Dam Sonsie of Waumesit (19724).
Dam Thirty Thousand Eight Hundred Thirty Eight (30838).
Sire Miss Elsie's Lord Hardwick (11311) A. R.
Dam Queen Anne of Hardwick (26254) A. R. 2519.
Breeder Est. George Mixter, Hardwick, Mass.
Owner Est. George Mixter, Hardwick, Mass.
Born July 19, 1911. *Calved* Dec. 18, 1915. *Served* June 21, 1916.
Requirement for admission: 339.00 lbs. butter fat.

Official year's record: 9279.50 lbs. milk; 488.91 lbs. butter fat.

(Record from Dec. 22, 1915 to Dec. 21, 1916.)
Supervised by Massachusetts Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Dec.,	1915,	305.20 lbs.	4.71 %	14.37 lbs.
Jan.,	1916,	1167.30 "	4.71 "	54.98 "
Feb.,	"	1052.30 "	4.98 "	52.40 "
Mar.,	"	1097.10 "	5.14 "	56.39 "
Apr.,	"	1003.60 "	5.31 "	53.29 "
May,	"	1008.30 "	5.35 "	53.94 "
June,	"	892.60 "	5.15 "	45.97 "
July,	"	782.70 "	5.46 "	42.74 "
Aug.,	"	658.70 "	5.71 "	37.61 "
Sept.,	"	563.50 "	5.37 "	30.26 "
Oct.,	"	362.60 "	6.11 "	22.15 "
Nov.,	"	235.20 "	6.50 "	15.29 "
Dec.,	"	150.40 "	6.33 "	9.52 "
Total		9279.50 lbs.	5.27 Av. %	488.91 lbs.

Owner's Statement of Feed

Dec., 1915. 10 lbs. grain daily of the following mixture: 100 lbs. each bran, hominy, ground oats, cottonseed meal, and linseed meal, 250 lbs. Ajax Flakes; 2 lbs. beet pulp, 20 lbs. ensilage, alfalfa, clover, and mixed hay.
Jan., 1916. Same ration as given in December.
Feb., 1916. 12 lbs. grain daily same mixture as December; same roughage.
Mar., 1916. Same ration as given in February.
Apr., 1916. Same ration as given in February.
May, 1916. Same grain ration as December; 2 lbs. beet pulp, 20 lbs. ensilage, alfalfa, clover, and mixed hay to the 14th, no beet pulp and 10 lbs. ensilage with hay from the 15th to the 19th, then 10 lbs. ensilage, green feed, and pasture.
June, 1916. 12 lbs. grain daily of the following mixture: 100 lbs. each bran, corn meal, ground oats, cottonseed meal, and linseed meal, 200 lbs. hominy, 250 lbs. Ajax Flakes; same roughage as December.
July, 1916. Same grain ration as December; 20 lbs. ensilage, clover, alfalfa, and mixed hay, pasture.
Aug., 1916. Same ration as given in July.
Sept., 1916. Same ration as given in July.
Oct., 1916. Same ration as December with pasture to the 7th.
Nov., 1916. 12 lbs. grain daily same mixture as December; same roughage.
Dec., 1916. Same ration as given in November.

4975 Mixter Germania 48392

Sire Hardtack of Groton (11697) A. R.
Sire Hardtack (9811).
Dam Angela of Groton (10674).
Dam Lady Germania (26418) A. R. 3089.
Sire Sir Craftsman (7693) A. R.
Dam Germania's Daughter (8888).
Breeder Est. George Mixter, Hardwick, Mass.
Owner Est. George Mixter, Hardwick, Mass.
Born Aug. 4, 1911. *Calved* Nov. 28, 1915. *Served* June 6, 1916.
Requirement for admission: 335.40 lbs. butter fat.

Official year's record: 8088.50 lbs. milk; 414.37 lbs. butter fat.

(Record from Dec. 2, 1915 to Dec. 1, 1916.)
Supervised by Massachusetts Agricultural Experiment Station.

Year's Record		Milk	Butter Fat	
Dec.,	1915,	1016.80 lbs.	4.53 %	46.06 lbs.
Jan.,	1916,	989.20 "	4.92 "	48.67 "
Feb.,	"	823.70 "	4.83 "	39.78 "
Mar.,	"	858.80 "	4.84 "	41.57 "
Apr.,	"	787.90 "	5.15 "	40.58 "
May,	"	795.30 "	5.45 "	43.34 "
June,	"	693.50 "	5.28 "	36.62 "
July,	"	564.10 "	5.37 "	30.29 "
Aug.,	"	552.00 "	5.46 "	30.14 "
Sept.,	"	461.60 "	5.31 "	24.51 "
Oct.,	"	281.90 "	5.99 "	16.89 "
Nov.,	"	257.00 "	6.04 "	15.52 "
Dec.,	"	6.70 "	6.04 "	.40 "
Total		8088.50 lbs.	5.12 Av. %	414.37 lbs.

Owner's Statement of Feed

Dec., 1915. 10 lbs. grain daily of the following mixture: 100 lbs. each bran, hominy, ground oats, cottonseed meal, and linseed meal, 250 lbs. Ajax Flakes; 2 lbs. beet pulp, 20 lbs. ensilage, alfalfa, clover, and mixed hay.
Jan., 1916. Same ration as given in December.
Feb., 1916. Same ration as given in December.
Mar., 1916. Same ration as given in December.
Apr., 1916. 12 lbs. grain daily same mixture as December; same roughage.
May, 1916. Same grain ration as April; 2 lbs. beet pulp, 20 lbs. ensilage, alfalfa, clover, and mixed hay to the 14th, no beet pulp and 10 lbs. ensilage with hay from the 15th to the 19th, then green feed, 10 lbs. ensilage, and pasture.
June, 1916. 12 lbs. grain daily of the following mixture: 100 lbs. each bran, corn meal, ground oats, cottonseed meal, and linseed meal, 200 lbs. hominy, 250 lbs. Ajax Flakes; same roughage as December.
July, 1916. Same grain ration as December; 20 lbs. ensilage, clover, alfalfa, and mixed hay, pasture.
Aug., 1916. Same ration as given in July.
Sept., 1916. Same ration as given in July.
Oct., 1916. Same ration as December with pasture to the 7th.
Nov., 1916. Same ration as given in December.
Dec., 1916. Same ration as given in December, 1915.

4976 Lady Beldora of Thornliebank 49990

Sire George Washington of Maple Farm (20363).
Sire George Washington of Fairfield Farm (10866) A. R.
Dam Melvina (22938) A. R. 1864.
Dam Jennie of Delmar (20663) A. R. 1106.
Sire Meneaska (9698) A. R.
Dam Jennie of Vlomans Kill (12550).
Breeder Gage E. Tarbell, Smithville Flats, N. Y.
Owner Burdette P. Craig, Glen Spey, N. Y.
Born Dec. 12, 1913. *Calved* Dec. 7, 1915. *Served* May 3, 1916.
Requirement for admission: 250.50 lbs. butter fat.

Official year's record: 8563.30 lbs. milk; 469.32 lbs. butter fat.

(Record from Dec. 11, 1915 to Dec. 10, 1916.)
Supervised by Cornell Agricultural Experiment Station, Ithaca, N. Y.

Year's Record		Milk	Butter Fat	
Dec.,	1915,	552.00 lbs.	5.01 %	27.66 lbs.
Jan.,	1916,	889.00 "	5.54 "	49.25 "
Feb.,	"	810.60 "	4.81 "	38.99 "
Mar.,	"	788.10 "	6.00 "	47.29 "
Apr.,	"	793.10 "	5.22 "	41.40 "
May,	"	814.40 "	4.94 "	40.23 "
June,	"	688.30 "	5.21 "	35.86 "
July,	"	647.20 "	5.79 "	37.47 "
Aug.,	"	623.90 "	5.26 "	32.82 "
Sept.,	"	622.50 "	5.63 "	35.05 "
Oct.,	"	616.80 "	6.06 "	37.38 "
Nov.,	"	565.60 "	6.40 "	36.20 "
Dec.,	"	151.80 "	6.40 "	9.72 "
Total		8563.30 lbs.	5.48 Av. %	469.32 lbs.

Owner's Statement of Feed

Dec., 1915. 8 lbs. grain daily: 2 lbs. each bran and ground oats, 1 lb. O. P. linseed meal, and 3 lbs. of the following mixture: 350 lbs. bran, 312.5 lbs. hominy, 250 lbs. ground oats, 150 lbs. Ajax Flakes, 100 lbs. gluten feed, 125 lbs. each cottonseed meal and linseed meal; 12 lbs. ensilage, 10 lbs. alfalfa.
Jan., 1916. 10 lbs. grain daily to the 17th same mixture as December; 4 lbs. beet pulp, 10 lbs. alfalfa, then 10.5 lbs. of the following mixture: 325 lbs. bran, 268.75 lbs. hominy, 275 lbs. ground oats, 225 lbs. Ajax Flakes, 50 lbs. gluten, 137.5 lbs. each cottonseed meal and O. P. linseed meal; 4 lbs. beet pulp, 15 lbs. alfalfa.
Feb., 1916. Same grain ration as last of January to the 17th, then 10.5 lbs. of the following mixture: 100 lbs. each bran, ground oats, and Ajax Flakes, 75 lbs. hominy, 50 lbs. each cottonseed meal and O. P. linseed meal; 4 lbs. beet pulp, 15 lbs. alfalfa.
Mar., 1916. 10 lbs. grain daily same mixture as last of February; same roughage.
Apr., 1916. 10.5 lbs. grain daily same mixture as last of February; same roughage.
May, 1916. 6 lbs. grain daily same mixture as last of February; 4 lbs. beet pulp, 10 lbs. alfalfa, pasture after the 15th.
June, 1916. Same grain ration as May to the 22d, then 7.5 lbs. same mixture; 10 lbs. alfalfa hay, green alfalfa and clover, pasture.
July, 1916. 9 lbs. grain daily same mixture as June; green alfalfa and clover, 10 lbs. alfalfa hay, pasture.
Aug., 1916. Same grain ration as July; green clover, 10 lbs. alfalfa, pasture.
Sept., 1916. 9 lbs. grain daily of the following mixture: 200 lbs. each bran, ground oats, and Ajax Flakes, 150 lbs. hominy, 100 lbs. each cottonseed meal and O. P. linseed meal; 10 lbs. alfalfa and clover hay, pasture.
Oct., 1916. Same grain ration as given in September; 15 lbs. ensilage, 10 lbs. alfalfa.
Nov., 1916. Same grain ration as given in September; 25 lbs. ensilage, 18 lbs. alfalfa and clover hay.
Dec., 1916. Same ration as given in September.

4977 Ledyard's Von Davreeda 41186

Sire Prince Ledyard Bay (14886) A. R.
Sire Ledyard Bay (11074) A. R.
Dam Tritoma's Queen (22617) A. R. 1021.
Dam Von Davreeda (20735).
Sire George Washington of Haddon (8499) A. R.
Dam Azucena (14008) A. R. 2912.
Breeder M. H. Vosburgh, Gloversville, N. Y.
Owner Otto W. Post, Ensenore, N. Y.
Born Apr. 1, 1912. *Calved* Dec. 4, 1915. *Served* Aug. 10, 1916.
Requirement for admission: 312.20 lbs. butter fat.

Official year's record: 11391.00 lbs. milk; 591.34 lbs. butter fat.

(Record from Dec. 10, 1915 to Dec. 9, 1916.)
Supervised under one day test by Cornell Agricultural Experiment Station, Ithaca, N. Y.

Year's Record		Milk	Butter Fat	
Dec.,	1915,	775.70 lbs.	5.20 %	40.34 lbs.
Jan.,	1916,	1152.40 "	5.06 "	58.31 "
Feb.,	"	1005.40 "	4.72 "	47.45 "
Mar.,	"	1044.00 "	5.08 "	53.04 "
Apr.,	"	980.10 "	5.52 "	54.10 "
May,	"	1011.10 "	5.03 "	50.86 "
June,	"	999.20 "	5.13 "	51.26 "
July,	"	975.80 "	5.32 "	51.91 "
Aug.,	"	930.60 "	5.45 "	50.72 "
Sept.,	"	867.60 "	5.01 "	43.47 "
Oct.,	"	824.00 "	5.04 "	41.53 "
Nov.,	"	655.30 "	5.86 "	38.40 "
Dec.,	"	169.80 "	5.86 "	9.95 "
Total		11391.00 lbs.	5.19 Av.%	591.34 lbs.

Owner's Statement of Feed

Dec., 1915. 12 lbs. grain daily of the following mixture: 100 lbs. each bran and middlings, 200 lbs. Union Grains; roots, ensilage, and alfalfa.
Jan., 1916. Same grain ration as December; 1 peck mangels, ensilage and alfalfa.
Feb., 1916. 12 lbs. grain daily of the following mixture: 100 lbs. each bran, white middlings, standard middlings, and corn and oats, 400 lbs. Union Grains; 6 qts. mangels, ensilage and alfalfa.
Mar., 1916. 12 lbs. grain daily of the following mixture: 100 lbs. each bran, middlings, and barley, 300 lbs. Union Grains; 6 qts. mangels, ensilage and alfalfa.
Apr., 1916. 14 lbs. grain daily of the following mixture: 100 lbs. each bran, middlings, corn and oats, and barley meal, 400 lbs. Union Grains; 4 qts. mangels, ensilage and alfalfa.
May, 1916. Same grain ration as April; ensilage and alfalfa.
June, 1916. 15 lbs. grain daily of the following mixture: 100 lbs. each bran, flour middlings, standard middlings, and barley meal, 400 lbs. Union Grains; ensilage and alfalfa.
July, 1916. 14 lbs. grain daily of the following mixture: 100 lbs. each bran, corn meal, and middlings, 300 lbs. Union Grains; ensilage and alfalfa.
Aug., 1916. 12 lbs. grain daily of the following mixture: 100 lbs. each bran and corn meal, 200 lbs. Union Grains; ensilage and alfalfa.
Sept., 1916. Same grain ration as August; ensilage and alfalfa.
Oct., 1916. 12 lbs. grain daily of the following mixture: 100 lbs. each bran, corn meal, and ground oats, 200 lbs. Union Grains; ensilage and alfalfa.
Nov., 1916. Same ration as October.
Dec., 1916. Same ration as October.

4978 **Redina 3d 41190**

Sire Old Faithful (14947) A. R.
Sire Old Glory (11188) A. R.
Dam Lily Berkshire 2d (12970) A. R. 555.
Dam Redina (15707) A. R. 615.
Sire Lucille's Como (6794).
Dam Rilma (9870).
Breeder Otto W. Post, Ensenore, N. Y.
Owner Otto W. Post, Ensenore, N. Y.
Born June 10, 1912. *Calved* Oct. 26, 1915.
Requirement for admission: 301.30 lbs. butter fat.

Official year's record: 9263.40 lbs. milk; 442.11 lbs. butter fat.

Supervised under one day test by Cornell Agricultural Experiment Station, Ithaca, N. Y.

Year's Record		*Milk*	*Butter Fat*	
Nov.,	1915,	981.70 lbs.	4.86 %	47.71 lbs.
Dec.,	"	981.30 "	3.88 "	38.07 "
Jan.,	1916,	909.60 "	4.35 "	39.57 "
Feb.,	"	782.60 "	5.08 "	39.76 "
Mar.,	"	804.60 "	5.18 "	41.68 "
Apr.,	"	756.50 "	4.80 "	36.31 "
May,	"	779.40 "	4.61 "	35.93 "
June,	"	748.90 "	4.56 "	34.15 "
July,	"	710.50 "	5.10 "	36.24 "
Aug.,	"	662.40 "	5.20 "	34.45 "
Sept.,	"	605.80 "	4.79 "	29.02 "
Oct.,	"	540.10 "	5.41 "	29.22 "
Total		9263.40 lbs.	4.77 Av. %	442.11 lbs.

Owner's Statement of Feed

Nov., 1915. 12 lbs. grain daily of the following mixture: 200 lbs. each bran and middlings, 300 lbs. Union Grains; ensilage, 15 lbs. mangels, alfalfa.
Dec., 1915. 12 lbs. grain daily of the following mixture: 100 lbs. each bran and middlings, 200 lbs. Union Grains; roots, ensilage, and alfalfa.
Jan., 1916. Same grain ration as December; beets, ensilage, and alfalfa.
Feb., 1916. 12 lbs. grain daily of the following mixture: 100 lbs. each bran, white middlings, standard middlings, and corn and oats, 400 lbs. Union Grains; 6 qts. mangels, ensilage and alfalfa.
Mar., 1916. 12 lbs. grain daily of the following mixture: 100 lbs. each bran, middlings, and barley, 300 lbs. Union Grains; 6 qts. mangels, ensilage and alfalfa.
Apr., 1916. 12 lbs. grain daily of the following mixture: 100 lbs. each bran, middlings, corn and oats, and barley meal, 400 lbs. Union Grains; mangels, ensilage, and alfalfa.
May, 1916. Same grain ration as April; ensilage and alfalfa.
June, 1916. 12 lbs. grain daily of the following mixture: 100 lbs. each bran, flour middlings, standard middlings, and barley meal, 400 lbs. Union Grains; ensilage and alfalfa.
July, 1916. 12 lbs. grain daily of the following mixture: 100 lbs. each bran, corn meal, and middlings, 300 lbs. Union Grains; ensilage and alfalfa.
Aug., 1916. 12 lbs. grain daily of the following mixture: 100 lbs. each bran and corn meal, 200 lbs. Union Grains; ensilage and alfalfa.
Sept., 1916. 11 lbs. grain daily same mixture as August; ensilage and alfalfa.
Oct., 1916. 10 lbs. grain daily of the following mixture: 100 lbs. each bran, corn meal, and ground oats, 200 lbs. Union Grains; ensilage and alfalfa.

4979 **Babette of Webb Farms 57781**

Sire Langwater Cavalier (21012) A. R.
Sire Dolly Dimple's May King of Langwater (12997) A. R.
Dam Langwater Daisy (22139) A. R. 1042.
Dam Helen of Ledyard 2d (34608).
Sire Lassie's Ledyard Bay (14540).
Dam Helen of Ledyard (30500) A. R. 1220.
Breeder William H. Gould, Essex, Mass.
Owner J. Griswold Webb, Clinton Corners, N. Y.
Born Nov. 3, 1913. *Calved* Nov. 14, 1915. *Served* June 15, 1916.
Requirement for admission: 252.00 lbs. butter fat.

Official year's record: 6918.80 lbs. milk; 377.68 lbs. butter fat.

(Record from Nov. 19, 1915 to Nov. 18, 1916.)
Supervised by Cornell Agricultural Experiment Station, Ithaca, N. Y.

Year's Record		*Milk*	*Butter Fat*	
Nov.,	1915,	278.30 lbs.	4.06 %	11.30 lbs.
Dec.,	"	712.80 "	4.38 "	31.22 "
Jan.,	1916,	642.50 "	5.67 "	36.43 "
Feb.,	"	560.40 "	5.86 "	32.84 "
Mar.,	"	570.10 "	5.93 "	33.81 "
Apr.,	"	576.90 "	6.13 "	35.36 "
May,	"	603.90 "	6.17 "	37.26 "
June,	"	564.20 "	5.48 "	30.92 "
July,	"	545.80 "	5.16 "	28.16 "
Aug.,	"	571.10 "	5.27 "	30.10 "
Sept.,	"	496.10 "	5.22 "	25.90 "
Oct.,	"	511.30 "	5.57 "	28.48 "
Nov.,	"	285.40 "	5.57 "	15.90 "
Total		6918.80 lbs.	5.46 Av. %	377.68 lbs.

Feed

Nov., 1915. 4 lbs. grain daily of the following mixture: 100 lbs. each bran, corn meal, and ground oats, 50 lbs. oil meal; 6 lbs. each roots and oat and pea hay, 25 lbs. ensilage.
Dec., 1915. 6 lbs. grain daily of the following mixture: 100 lbs. each bran, gluten, and cottonseed meal, 200 lbs. cob meal, 125 lbs. Brewers' Grains; 6 lbs. each mangels and oat and pea hay, 30 lbs. ensilage.
Jan., 1916. 10 lbs. grain daily of the following mixture: 100 lbs. each bran and gluten meal, 200 lbs. cob meal, 125 lbs. Brewers' Grains, 150 lbs. cottonseed meal; 6 lbs. roots, 30 lbs. ensilage, 5 lbs. oat hay.
Feb., 1916. 9.75 lbs. grain daily same mixture as given in January; 5 lbs. each roots and oat hay, 30 lbs. ensilage.
Mar., 1916. 10.25 lbs. grain daily of the following mixture: 100 lbs. each bran, gluten, and cottonseed meal, 200 lbs. cob meal, 125 lbs. Brewers' Grains; 6 lbs. each roots and hay, 25 lbs. ensilage.
Apr., 1916. 10 lbs. grain daily of the following mixture: 100 lbs. each bran, gluten, and cottonseed meal, 200 lbs. corn meal, 125 lbs. Brewers' Grains; 8 lbs. roots, 25 lbs. ensilage, 6 lbs. hay.
May, 1916. 11 lbs. grain daily to the 21st of the following mixture: 100 lbs. each bran and gluten, 200 lbs. corn meal, 125 lbs. Brewers' Grains, 150 lbs. cottonseed meal; 8 lbs. roots, 25 lbs. ensilage, 6 lbs. hay, then 8.75 lbs. same grain mixture; 6 lbs. roots, 20 lbs. ensilage, pasture.
June, 1916. 8.5 lbs. grain daily of the following mixture: 100 lbs. each bran, gluten, and cottonseed meal, 200 lbs. corn meal, 125 lbs. each Ajax Flakes and Brewers' Grains; 5 lbs. ensilage, green clover and pasture.
July, 1916. 10 lbs. grain daily of the following mixture: 100 lbs. each bran, corn meal, gluten, and cottonseed meal, 125 lbs. each Ajax Flakes and Brewers' Grains; 7 lbs. ensilage, pasture.
Aug., 1916. 8 lbs. grain daily of the following mixture: 100 lbs. each bran, gluten, and cottonseed meal, 200 lbs. corn meal, 125 lbs. each Ajax Flakes and Brewers' Grains; 7.5 lbs. ensilage, green corn and alfalfa, pasture.
Sept., 1916. 8.75 lbs. grain daily of the following mixture: 100 lbs. each bran and gluten, 200 lbs. corn meal, 125 lbs. each Ajax Flakes and Brewers' Grains, 150 lbs. cottonseed meal; green alfalfa and pasture.
Oct., 1916. 6.33 lbs. grain daily same mixture as given in September; 10 lbs. ensilage to the 16th then 25 lbs., 12 lbs. hay, green alfalfa and pasture.
Nov., 1916. 6 lbs. grain daily, 5 lbs. of the following mixture with 1 lb. Brewers' Grains added: 100 lbs. each bran and gluten, 200 lbs. corn meal, 125 lbs. Ajax Flakes, 150 lbs. cottonseed meal; 25 lbs. ensilage, 10 lbs. alfalfa.

Transfers of Guernsey Cattle From March 15 to March 31, 1917

BULLS

Ajax of Oak Hill 40261—J. Amory Haskell to L. L. Coggshall, Locke, N. Y.
Albinia's Prior of Hilltop 43044 (Imp.)—George M. Hendee to Thomas C. Perkins, Hartford, Conn.
Alecia's Maple King 35562—A. W. Fox to Orley Van De Walker, Muskego, Wis.
Aleck Chief 42110—H. W. Johnson to H. Q. Alexander, Matthews, N. C.
Alfarata's Prince 38340—William F. Pierce to L. D. Roberts, Wheaton, Ill.
Allan of Thorn Hill 40455—August Ziesing to L. D. Kellogg, Deerfield, Ill.
Allenwood Governor 41537—H. W. Griswold to Alois A. Bindl, Spring Green, Wis.
Alonzo 42258—W. J. Dawson to Albert C. Hauser, La Crosse, Wis.
Ames Rouge 38036—Iowa State College to S. S. Smith, Villisca, Iowa.
Anne's May King 43018—Delaware College to J. W. Townsend, Hockessin, Del.
Attwood's King 41489—Est. John Hobert Warren to Levern Prebble, Hoosick, N. Y
Atwater Noble 37768—George L. Atwater to Frank R. Beecher, Canandaigua, N. Y.
Aurelius of Frankland 35887—J. Howard Leman to C. C. Hubbard, St. Albans, Vt.
Barbi's Wellington 26507—T. B. Audley to Walter Anstie, Hartland, Wis.
Baron of Saco 43045—Louis S. Cox to H. J. Nason, Saco, Me.
Beatrice's Stranwood 31968—H. W. Johnson to Forsyth Cooperative Guernsey Breeders' Asso., Oldtown, N. C.
Beatrix B's Royal Duke 40593—A. W. & F. E. Fox to Bernhard Behrens, Grafton, Wis.
Beauty's Jewell of Liberty Hills 42881—H. S. & J. A. Bloch to A. R. Jacob, Short Creek, W. Va.
Redminster Sportsman 42871—Joseph Larocque to L. B. Hoffman, Halifax, Pa.
Bellboy of Hickory Grove 35636—Delmar Laplant to Bowser & Glassman, Bremen, Ind.
Belle's May Rose King 41884—Christian Tretsven to W. J. Herman, Melrose, Wis.
Bellinger's Forest 36433—Bellinger Brothers to Henry S. Lamont, Cobleskill, N. Y.
Bell's May King Glenwood of Ingleside 39331—George A. Brophy to William A. Weldy, Nappanee, Ind.
Bellwood of Curles Neck 37135—C. K. G. Billings to R. H. Nelson, Jr., Richmond, Va.
Benjamin of Prospect 41813—Anton O. Berge to David Morgan, Sheridan, Wis.
Ben S. of Rose City 40385—W. A. Goodin to J. L. Batchelder, Hillsboro, Ore.
Benton's King of Ingleside 34137—Truman W. Brophy to N. Sproat & J. L. Heaney, Chicago, Ill.
Berdella's Remo Boy 35114—Campbell Live Stock, Grain & Farm Co., to C. H. Nordyke, Maynard, Iowa.
Bernadie's King 42780—Herman J. Duecker to Valentine Mueller, Kiel, Wis.
Bess' Judge Calore 42850—D. P. Northrup to John O. Rice, South Kortright, N. Y.
Beta's Eric of Fairfield Farm 35029—Edward Krill to H. G. Keinath, Blakeslee, Ohio.
B. F. Beauty's Jewel of Elmview 38244—Benjamin H. Throop to W. P. Slaughter, Cincinnati, Ohio.
Billy Barker 38926—Sass Brothers to Bennett & Strauch, Thomson, Ill.
Billy of Clay Hill 42857—C. R. Phillips to Charles Root, Oxford, Wis.
Billy's Gipsy Lad 35200—A. J. Cullen to Amy B. Cather, Frankford, Pa.
Billy's Governor of Cedar Lawn 40595—George Komad to Lindahl Lovass, Westby, Wis.
Blowmedown's Christie King 42802—G. M. Thompson, Jr., to W. E. Beaman, Cornish, N. H.
Bobbie Gold 38466—H. D. Lovejoy to H. J. Rogers, Stoddard, Wis.
Bob of Fritzlyn 40417—William F. Fretz to Emil Ecker, Millwood, Pa.
Bob Rilma's France 30159—F. B. Green & Son to John Hetts, Fort Atkinson, Wis.
Bob's Village Boy 41722—Charles Hornburg to Miss Martha Voorhees, Memphis, N. Y.
Bonito of Maple Valley 39744—C. L. Hoffmeyer to H. J. Carey, Bedford, Ohio.
Bonnie's Laddie of Pine Valley 41779—Fred Armer to Albert Slocum, Greenwich, N. Y.
BoPeep's May King 42806—J. Beecher Yeaton to F. L. Cotton, North Hampton, N. H.
Bradford's Henry 42965—Fred Bradford to Clayton Towne, Stanton, Mich.
Bravo of Rich Neck 35937—Est. H. H. Pearson, Jr., to Richard F. Klemm, Baraboo, Wis.
Budd, the Goshen Lad 42952—Daniel S. Berkey to J. N. Berkey, Goshen, Ind.
Butter Boy's Son of Mara Alva 41762—Daniel Ramseyer to H. C. Park, Worthington, Ohio.
Buttercup's Prince of Angra 41690—R. C. Krueger to J. C. Gilkeson, Carlyle, Kan.
California Atlantis King 41824—University of California to E. M. Sheller, Raisin, Cal.
Calypso's Sonsie's Jewel 39730—John T. Whalley to J. H. Gibson, Portland, Ore.
Captain of Rose Valley 39845—Adolph A. Suhr to Stanley J. Nowak, Beaver, Wis.
Caster's Prince 39115—M. G. Johnson to Christ H. Johnson, Scandinavia, Wis.
Cato's Bouncing Boy 17473—H. N. Melgard to B. F. Buchholz, Cumberland, Wis.
Cedar Farm Prince 38822—C. E. Potter & Robert Peichl to G. J. Manatt, Malcolm, Iowa.
Champion of Elk Meadow Farm 42390—John F. Stallman to Frank Whitney, Elk Mound, Wis.
Charles Robert 42958—George I. Fisk to George W. Wilson, Belfast, N. Y.
Charlton's Pride 42957—Charlton Industrial Farm School to Walter E. Burdick, Greenwich, N. Y.
Chene Souvenir de l'Etiennerie 42400—Champ Jackson to John V. Hang, Canton, Ohio.
Cherry's Raymond 37481—B. Austin Cheney to New Haven County Anti-Tuberculosis Asso., Wallingford, Conn.
Chester of Warren 42794—Sol. F. Johnson to Frank Korporal, Van Buren, Ohio.
Chicona Bandit 40420—Albion L. Gile to George B. Whitney, Wapato, Wash.
Chief Ortonville 42751—Jacob Kunz to A. B. Kaercher, Ortonville, Minn.
Choice's Son of the Oaks 27640—J. M. Fox to George M. Slaughenhoupt, Parkers Landing, Pa.
Christabel's Active Lad 42212—Isaac Olson to P. H. Peterson, Scandinavia, Wis.
Christine's King of Sterling 42785—Charles H. Jones to George Sharp, Amboy, Minn.
Chub of the Mansion 43025—F. C. Anderson to M. L. Burnham, Henderson, N. Y.
Clara's Sequel's Tulare Boy 34985—Harry E. Weaver to G. W. Fink, Raisin City, Cal.
Classic's King of Lakeside 37778—March & McGrew to R. N. Demuth, Dassel, Minn.
Clatford's Dan 42354—H. G. Miller to Roy Newcomb, Flora, N. D.
Claude of Cherry Mount 2d 24679—E. S. Grim to I. D. Van Metre, Kearneysville, W. Va.
Cloverdale Ginger 38778—W. H. Allen to C. A. Peterson, Prentice, Wis.
Clover Lawn's Jumbo 43041—Charles E. Wirt to Amos Herrman, Sparta, Wis.
College Girl's Majesty 40589—A. W. & F. E. Fox to Daniel Claffy, Waukesha, Wis.
Cordelle's Frenchman of Mound City 40475—Charles A. Wilkins to Earl Packard, Curtiss, Wis.
Corinna 2d's May King 25845—A. C. Ramseyer to William Steffins, Toledo, Ohio.
Corihna 2d's May King 25845—Jacob Steel to A. C. Ramseyer, Smithville, Ohio.
Cornelius of Meadow Brook 41981—J. Irwin Wilson to F. W. Philbrook, Hardwick, Vt.
Craigamoor Columbia 39326—George C. Cooper to Jean Du Luth Farm, Inc., Duluth, Minn.
Craigamoor Geoffrey 37367—Mark D. Fitzgerald to Haley & Faucett, Stevensville, Mont.
Criterion's Alger of Bellview 43036—F. B. Buckley to A. T. Drummond, Waterville, Me.
Crystal Shrine of Cross Lake 37723—Charles Hornburg to Haydon W. Benton, Ira, N. Y.
Dairy Maid's Masher of Elm Terrace 43020—Dell Danks to Henry Kelley, Edgerton, Wis.
Dairymaid's Monogram 42869—E. C. Solberg to Albert Evenson, Leon, Wis.
Dairymaid's Stranford of Pinehurst 19003—O. W. Lehmann to H. W. Griswold, West Salem, Wis.
Dairymaid's Stranford of Pinehurst 19003—H. W. Griswold to J. R. Tifft, Elk Mound, Wis.
Dairyman of Mondamin 42352—Herbert T. Borden to Nathan W. Lippincott, Swedesboro, N. J.
Daisy Gretchen's King 40185—Grace J. Holeton to Earl Krouse & John Mueller, Dorchester, Wis.
Dandy Jim of Clover Leaf Stock Farm 42133—Oliver N. Rose to M. C. Howe, Greene, Me.
Darndy Fino 37577—Jacob Sneller, Jr., to A. Michelson & Son, Maple View, N. Y.
Davy Jones of the Rancho 42962—Elliott-Brant Rancho to Max Ritterrath, Mesa, Ariz.
Dawn's Stranford of Chesney Farms 41484—O. W. Lehmann to The Allendale Association, Lake Villa, Ill.
Delza's Governor 35592—W. John Merkle to P. S. Trumbower, Nazareth, Pa.
Demonstrator of Brookside 42775—Mrs. Alfred A. Pope to M. A. Andrews, West Hartford, Conn.
Detta's Governor of Santowood 26216—Dell Strong to J. Thomas, Staples, Minn.
Dick of New Hope 38576—Bernard Waller to Christ Lang, Milladore, Wis.
Dolly's Pat of Little Rock Farm 41134—Lewis P. Swoveland to J. E. Hunter, Wren, Ohio.
Donald of Orchard Bluff 39500—W. J. Royer to A. C. Ramseyer, Smithville, Ohio.
Don Carlos of Pine Grove 39287—William Bartlett to Robert Hayes, Chetek, Wis.
Dougan's Caesar 33715—Wesley S. Guynup to Cole & Stauffer, Beloit, Wis.
Duchess's Jury of Koshkonong Place 21985— Chandler Bros. & George W. Welch to Charles Rice, Dallas City, Ill.
Duke Hambro 43031—Bert Parish to Edgewater Stock Farm, Fort Atkinson, Wis.
Duke Manful 42955—Nels Jacobson to W. J. Mallory, Ferndale, Wash.
Duke of Clevedale 42829—William L. Cleveland to Walter Shaw, Hebron, N. Y.
Duke of Englewood 40254—A. C. Engel to John B. West, La Grange, Wis.
Duke of Honey-Dale 34241—John T. Moore to Randall W. Miller, Elkton, Md.
Duke of Lycurgus 43015—Gangestod & Lewison to P. R. Peterson, Badger, Iowa.
Duvaux Rose's Champion Boy 38587—C. V. Jacobs to E. F. Lee, Puyallup, Wash.
Dutch of Glenheim 37819—A. O. Trask to Percy Taylor, Kelsey, N. Y.
Earl of Elba of Bonnie Neuk 38883—L. A. Wright to F. E. Fox, Waukesha, Wis.
Ek of Lakeside 38148—March & McGrew to Ole Nelson, Dassel, Minn.
Eldou of Chesney Farms 41486—O. W. Lehmann to H. W. Griswold, West Salem, Wis.
Eldou of Chesney Farms 41486—W. H. Griswold to William Nicholls, Trempealeau, Wis.
Ella's Boy of Highland View 41977—Harry Leaton to David Morrow, Pavilion, N. Y.
Elmer of Castlewood 39850—G. Kemink, to John Kemink, Brandon, Wis.
Elmpines May King 42640—The Columbia Mills, Inc., to J. G. Sherman, Greenwich, N. Y.
Elsie's Governor of Maple Lane 33135—A. H. Drake to Martin I. Sherman, Pawlet, Vt.
Emertia's Count of Glenhurst 37181—C. L. Arnold to Joe Anderson, Mobridge, S. D.
Esquire of Harbor Hill 39250—Clarence H. Mackay to Nelson Poorbaugh, Mount Pleasant, Pa.
Fabriana's Prince 26148—M. A. Thometz to Ben O'Harro & Charles R. Ray, Jerome, Idaho.
Fair Oaks Aaron 40076—Armand P. Rather to Arthur J. Schafer, Calvary, Wis.
Fairview's Golden Wonder 41521—Frank Grimm to W. H. Green, Bancroft, Wis.
Fannie's Billy 34906—H. W. Johnson to Forsyth Cooperative Guernsey Breeders' Asso., Oldtown, N. C.
Fermain's Pride of the Oaks 42960—H. S. White to George T. Findlay, Pomona, Cal.
Fermain's Prize 36750—C. W. Moffett to A. R. Fowler, Ellensburg, Wash.
Fi Fi's Marshall 41496—E. W. Oglebay to J. D. Brady, Wellsburg, W. Va.
Fillmore's Truchon of Sonnyvale 42793—Charles H. Jones to M. E. Sellew, East Longmeadow, Mass.
Flora's Pride of Belmont 37163—A. C. Ramseyer to J. S. Yoder, Wooster, Ohio.
Flora's Prince of Lewison 16975—H. W. Johnson to Forsyth Cooperative Guernsey Breeders' Asso., Oldtown, N. C.
Flory's Austerlitz of Craigamoor 41845—George C. Cooper to L. E. Hageman, Hastings, Minn.
Folly Count 40096—Reuben H. Donnelley to The Lakeside Guernsey Breeding Association, Wentworth, Wis.
Forester of Arcady 17673—G. W. Schmidt to M. G. Johnson, Scandinavia, Wis.
Fortune of Sarnia 41161 (Imp.)—Charles L. Hill to F. J. Ditter, Saint Cloud, Wis.
Fox Island Prince 42817—Charles H. Jones to Alvin H. Cobb, Vinalhaven, Me.
Francetta's Laddie 41305—O. F. Ulland to Otto C. Foss, Pelican Rapids, Minn.
Frederick of Ore Hill 40193—Dale E. Rundell to Jacob Holzhouser, Tiffin, Iowa.
Fred Oweenee 42872—J. H. Epps to W. T. Gilbert, Albany, Ga.
Frenchman's Glenwood of Linwood 29148—Mrs. W. C. Noe to Gottfried Bischoff, Madison, Wis.
Fruit Farm Hambro 42353—W. H. & B. L. Hanchett to A. J. Wyman, Sparta, Wis.

TRANSFERS OF GUERNSEY CATTLE

Galaxy's Equal of State Line Farm 42809—R. H. Morrison to G. W. Wilder, Redlands, Cal.
Galaxy's Rival of Locust Hill 37695—Frank M. Reed to W. J. Royer, Orrville, Ohio.
Gay Lad of Cleveland 27472—Otto Rogne to Walter F. Behm, Manitowoc, Wis.
Gay Lad of Hill Stead 42776—Mrs. Alfred A. Pope to John C. Neilson, Beckley, Conn.
Gay Lad Sequel of Denton Farm 22845—John L. Williams to Arthur Meeker, Lake Forest, Ill.
Gay's Prince of Mahtowa 40941—M. H. Graham to John Eklund, Mahtowa, Minn.
Gem's Laddie of Springside 43022—Harry B. Shenk to A. B. Ambler, McSparran, Pa.
General St. Marshall 43030—Bert Parish to Edgewater Stock Farm, Fort Atkinson, Wis.
General Wayne of Cedar Lane 41972—J. S. Yoder to Harry Alspach, Hillsboro, Ohio.
George Anthony 39359—L. H. Renner to John Martin, Medina, Ohio.
George E. of Middlerun Farm 42919—M. R. Baker to George E. Williams, Lisbon, Ohio.
George of Ochervoil Farm 41283—John L. Williams to George W. Pennou, Oconomowoc, Wis.
Georgianette's George 36814—Fred W. Clarridge to E. H. Taft, Mendon, Mass.
Glen's Duke 40856—S. L. Tone of F. T. Stewart, Washington, Pa.
Glenwood of Chartiers 41659—S. L. Tone to C. J. Moore, Washington, Pa.
Glenwood of Grassmere 41438—W. W. Clark to John Painton, Lindsey, Wis.
Glenwood Sir Galahad of Willowmer 41105—B. F. Salsbury to R. F. Boxley, Roanoke, Va.
Glenwood's Masterpiece of Rockwood 29480—Sidney E. Florsheim to Paul E. Rudd, Milwaukee, Wis.
Glenwood's Noble Atkinson 34646—William R. Acree to Lawrence Z. Young, Sorento, Ill.
Glenwood's Prince of Rockwood 36034—Sidney E. Florsheim to Paul E. Rudd, Milwaukee, Wis.
Glenwood's Squire of Rockwood 36033—Sidney E. Florsheim to Paul E. Rudd, Milwaukee, Wis.
Glenwood's Stranford 5th 36031—Sidney E. Florsheim to Paul E. Rudd, Milwaukee, Wis.
Glory's Beauty Boy 42782—Herman J. Duecker to Mayer Brothers, New Holstein, Wis.
Golden Bell Buoy of City View 41290—O. R. Schwalen to A. D. Miller, Almena, Wis.
Golden Gleam 2d's Masher 40809—H. W. Griswold to B. Bossenbrock, Waupun, Wis.
Golden Lad of Knox 42898—D. C. Thompson to L. E. Rowe, Knox, Pa.
Golden Rod of Waveland 43017—Est. G. K. Barton to Frank L. Kerr, Cedar Rapids, Iowa.
Golden Secret's King 32536—Est. Albert French to George E. Young, Lebanon, Ohio.
Gold Finder's Sequel 37513—C. L. Hawley to E. G. Seaton, North Yamhill, Ore.
Governor's La Don of Parkwood 42986 (Imp.)—J. K. Secor to W. H. Steffens, Toledo, Ohio.
Governor of Moore Villa 42966—C. C. Moore to J. E. Henderson, Masonville, N. Y.
Governor of Old Homestead 42170—John Hill to W. S. Vanderbilt & H. Barker, Greenville, N. Y.
Governor's Conqueror 33450 (Imp.)—C. C. Beers to Otto Wohler, Hillsboro, Ore.
Governor's Tahoma's Royal Rival 42979—Mort F. Wilson to Charles Camber, Ellsworth, Me.
Guernfalfa Captain 40050—Math Michels to H. B. Pierick, Highland, Wis.
Guy Bloom 42121—Ray D. Levan to Earl Deveney, Seven Valleys, Pa.
Halcyon Favorite 31163—Jacob Measel to Walter J. Henkel, Detroit, Mich.
Halcyon Scott 42801—Detroit Creamery Co. to August W. Miller, Mount Clemens, Mich.
Hambro of Albion 42257—W. J. Heid to H. E. Thomas, Edgerton, Wis.
Hambro's Ida's Luther Sequel of LaHarpe 37944—F. B. Churchill to I. M. Martin, LaHarpe, Ill.
Hance 35406—De Lyle A. Post to Edward A. Jones, Union City, Pa.
Happy Bachelor 37945—J. M. Sumner to B. E. Smith, Sharon Center, Ohio.
Hartford Glenwood Boy 42917—D. S. McElrath to M. E. Smith, Farmdale, Ohio.
Hartford Glenwood Boy 42917—M. E. Smith to A. B. Green, Marysville, Ohio.
Hartman's Choice 42814—George E. Halt, to Jacob H. Hartman, Plymouth, Ind.
Hayes Governor of Charlton 42956—Charlton Industrial Farm School to George Stuart, Cranberry Creek, N. Y.
Hector of Frankland 32399—J. Howard Leman to F. H. Bean, West Glover, Vt.
Hero of Gerhartz Brothers' Farm 42803—John Gerhartz to Gerhatrz Brothers, Chilton, Wis.
Hiram Von Maple Dale 37588—A. W. Fox to Gustav Wille, Chelsea, Wis.
Holly Belle's Albert 39689—Fred Suckow to Mrs. Henry Harms, Ripon, Wis.
Homer of Naftiaux 39803—Emma A. Hagaman to Jesse H. Powell, Westerlo, N. Y.
Howell of Hollyhock 42886—Est. William H. Ellis to C. Leedom, Huntingdon Valley, Pa.
Ideal Lad 28146—J. C. Trees to George M. Aman, Philadelphia, Pa.
Itchen King of Poplar Hill 39950—Edward W. Mason to Mrs. Annie Baigrie, Blairstown, N. J.
Jack Dawson of the Mansion 43026—F. C. Anderson to Burnham & Wilde, Henderson, N. Y.
Jack Knife Ben 40615—L. R. Buell to T. M. Purvis, Mauston, Wis.
James of High Knob 42918—W. P. Cowan to J. J. Gahagan, West Chicago, Ill
Jeanette's Billy of Hill Top Farm 42841—C. D. Burgess to Lawrence Bedell, West Coxackie, N. Y.
Jeanette's Osseo of Parkwood 42987 (Imp.)—J. K. Secor to William H. Steffens, Toledo, Ohio.
Jem D. 42594—W. J. Dawson to Joseph Schumacher, Saint Joseph, Wis.
Jerry of Orchard Bluff 39501—W. J. Royer to A. C. Ramseyer, Smithville, Ohio.
Jess Willard of Beuna Vista Hill Farm 34745—Clarence W. French to Elmer S. Bailey, West Barnet, Vt.
Joe Oweenee 42193—J. H. Epps to Samuel J. Fearing, Olympia, Ky.
John Carver of Green Acres 40755—Woodbridge O. Johnson to G. W. Wilder, Colton, Cal.
John D. of Edgewater 40264—F. G. Benham to James H. Seaman, Glens Falls, N. Y.
Johnny Rilma 41557—D. R. Butler to Mrs. Dix Ballard, Troy, Pa.
John of Fletcher 42786—J. P. Fletcher to J. C. Hutchison, Charlotte, N. C.
Josephine's Glenwood Prince 33651—J. D. Dillon to A. C. Van Devanter, Round Hill, Va.
Josie's King 40223—Est. John Engleman to Andy Linberg, Hixton, Wis.
Julia Ann's Knight 33567—D. L. Williams to Evan Davies, Wales, Wis.
Jumbo of Homestead 42789—Charles B. Welch to Taylor & Jager, Fennville, Mich.
Juno's Boy 42921—N. G. Larimer to James Peterson, Blue River, Wis.
Justice May King 23466—C. A. Peterson to W. H. Allen, Chelsea, Wis.
Justinee of Ellenwood 31626—James Gartrell to M. A. Tuttle, Hornell, N. Y.
Karo of Oakwood 39464—W. Henry Bell to S. K. & C. E. Pugh, Foster, Ky.
King Bellow 36774—Everett M. Hawkins to Alexander N. McClintock, Lancaster, Mass.
King Coral of Saradale 21038—H. C. Olson to William Halvorson, Rice Lake, Wis.
Kingfisher of Waveney 42951—Edmund H. Sears to R. W. Bird, Framingham, Mass.
King Holliston of Overlook 42797—Louis S. Cox to Massachusetts Masonic Home, Charlton, Mass.
King Joy of Rose City 40384—W. A. Goodin to Jacob Geisbuhler, Hillsboro, Ore.
King of Cedar Lawn 39320—George Konrad to Martin Jorgensen, Frederic, Wis.
King of England 39708—T. B. Audley to C. E. Sizer, Hartland, Wis.
King Primrose 41525—Albert C. Loring to George W. Breitenbauch, Battle Lake, Minn.
King Raritan of Craigamoor 41291—George C. Cooper to Jean Du Luth Farm, Inc., Duluth, Minn.
King Sequel of Sweet Springs 34419—W. G. Vandenbark to H. E. Robertson, Sonora, Ohio.
King Temple 42398—W. L. George to A. D. Wilson, Avonmore, Pa.
Kitchener of Perrydale 39953—Enoch Perry to William Olson, Rhinelander, Wis.
Kitten's Prosperity 42846—J. J. Kitten to O. M. Taylor, Cameron, Mo.
Kotelde's Star King of Rock 41478—John Hetts to East Louisiana Hospital for the Insane, Jackson, La.
Lady Bell Boy of Cherrydale 43037—David B. Lady to Raleigh Paffenberger, Sharpsburg, Md.
Lady Stranford's Marcus Glenwood 41760—Grant M. Enlow to J. S. Hixon, Hillsboro, Iowa.
Laird 42595—W. J. Dawson to Fred C. Miller, West Salem, Wis.
Laverna's Governor of Riverside 26337—William Jennings to Howard Martin, Maiden Rock, Wis.
Ledyard of Brooklyn View 42812—J. B. Edsall to Spencer Gernert, Columbia Cross Roads, Pa.
Legacy's Laddie of the Lake 42255—Charles W. Curtis to Elmer D. Howe, Marlboro, Mass.
Lenfestey's Duke 35239—William H. Piper to Wess James, Prescott, Iowa.
Lilla's Royal Sequel 36940—A. W. & F. E. Fox to Charles F. Lilly, McFarland, Wis.
Lily Bell's Quartz Anchor 41485—O. W. Lehmann to H. W. Griswold, West Salem, Wis.
Lily's Harry Glenwood 24283—C. R. Waterhouse to R. Duttweiler, Brighton, Iowa.
Lily's May King 31554—Martin T. Allwardt to The University of Nebraska, Lincoln, Nebr.
Lisle's Earl of Willow Dairy 33564—Moulton B. Goff to Louis Serrahn, Algoma, Wis.
Lolita's Governor of Woodend 19310—O. F. Ulland to D. F. Clark, Poskin Lake, Wis.
Lonana's Demonstrator 33864—William Monogue to Edgewater Stock Farm, Fort Atkinson, Wis.
Lonesome Pine 38811—George T. Brill to Embert Kilde, Caryville, Wis.
Lord Nelson of Alderney 20306 (Imp.)—George A. Nichols to N. C. Bahnson, Inwood, Iowa.
Lottie's King of Rock 41479—John Hetts to Frank Jones, Koshkonong, Wis.
Louis Marvin 40304—Edgar L. Horton to Arthur Shoemaker, Augusta, Wis.
Lu's Gold Seal King 33211—Edward Quigley to George Burton, Oneida, N. Y
Lu's Gold Seal King 33211—George Burton to B. J. Dodge, Verona, N. Y.
Mabel's Royal King 40631—O. Phelan Hufline to B. E. Aylor, Burlington, Ky.
Major Myron 42505—H. D. Parker to C. L. Casselman, Willard, Colo.
Mancenilla's Bingo 40920—Allan H. Dickson to N. Klarens, Nehawka, Nebr.
Marcia's Glenwood of Sun Set View 41513—C. A. Peterson & G. R. Miller to August Hafner, Weyauwega, Wis.
Mark of Hickory Grove 41114—Glenn Clark to B. E. Dix, Benton, Harbor, Mich.
Mark Oweenee 42192—J. H. Epps to Miss LaVerne Snell, Columbus, Ky.
Mar's Bonneville 33745—Utah State Prison to George Green, Kanesville, Utah.
Masherette's May King 34861—W. L. Breitrick to E. G. Van Henklom, Appleton, Wis.
Masher's Frank of Edgemere 41809—W. P. Parker to E. H. Bennett, Venice, N. Y.
Masher's Pretor of Edgemere 41810—W. P. Parker to Dudley & Longley, Meridian, N. Y.
Master Prince 40229—Charles Wollenhaupt to H. M. Brown, Ottawa, Ohio.
Maxwell of Elm Place 42920—Charles Solverson to D. B. Glidden, Whitewater, Wis.
May Boy of Longwood 37381—Ernest B. Dane to F. S. Palmer & Son, East Sumner, Me.
May Boy of Waveland 43016—Est. G. K. Barton to Frank L. Kerr, Cedar Rapids, Iowa.
Mayflower's Meadow Master 42396—William C. Gilbert to E. S. Hubbard, Dayton, Wash.
May King of the Hill 42799—G. B. Tallman to Roy Kennedy & Austin Kinyon, Troy, Pa.
May Morn's Sequel 43043—J. L. Fuller & Son to Raymond P. Monhaut, Mishawaka, Ind.
May Rose King of Bayside 42877—Henry C. Everett to Mrs. Jennie A. Berry, Buxton, Me.
May's Judge Colore 42851—D. P. Northrup to W. J. Brundage, Granton, N Y.
Meadow Gold Joliet 42564—W. S. Ormston & Sons to H. W. Wigman, Lansing, Mich.
Michelle's Boy of Hollyhock 35813—Gustav Pabst to A. W. Henning, Black Earth, Wis.
Milkmaid's King of Maple Hill 40467—Fruit Brothers to Charles G. Schmidt, Wrightstown, Wis.
Minette's Best Yet 32845—A. H. Hinman to Herman Kitzrow, Wayside, Wis.
Minta Martin's Rilma 38751—S. G. Courteen to Peter Moran, Ixonia, Wis.
Miss Luetilius's Hambro 28330—W. J. Heid to Andrew Dirnberger, New Hamburg, Mo.
Mixter Trophy 41924—Richard R. Briggs to W. H. Dow & Son, Middlebury, Vt.
Monarch of Rosen Coolie 42963—A. J. & J. C. Malin to W. H. Proksch, Stoddard, Wis.
Moxie's Moonlight King 38713—William B. Tousey to L. J. Pickard & Otis Jones, Memphis, N. Y.
Mr. Gully of Edgewater 39210—F. G. Behman to George La Vine, Potsdam, N. Y.
Mukwonago Queen's Eaglet 37665—Lobdell & Blott to W. H. Wycoff, Ottumwa, Iowa.
Nana's Jardiniere 38267—E. S. Grim to John A. Beck, Hagerstown, Md.
Nancy's Hill of Hustler 36320—William Lauden to Eugene Bell, Camp Douglas, Wis.
Nat of Birchwood 40840—M. L. Welles to C. W. Brasure, Hartford, Wis.
Natoma's Parado 29256—Warren N. Powell to James Pounder, Corbett, Ore.
Nebo 39623—John Pritchard to Robert Vogler, Chippewa Falls, Wis.
Nellie's Lad 42007—George L. Pettingill to August Hyrkas, Oulu, Wis.
Nelson of Birchwood 42321—M. L. Welles to David Fuller, Ripon, Wis.
Nestling 3d's Jockicap King 42971—Massachusetts Agricultural College to A. O. Pike, Fryeburg, Me.
Noble Cliff 40974—H. C. Cope to George Augustine, East Palestine, Ohio.
Norman's Golden Lad 42787—J. P. Fletcher to L. M. Bourne, Asheville, N. C.
Nubiana's Stranford of Ingleside 23468—Paul Wiseman to Edward Bedward, Bridgeport, Wis.
Oaklawn Boy 41621—Mrs. Fannie Macmillan Crane to H. W. Jodell, Knapp, Wis.
Ole of Nelsonville 42798—Carl O. Doxrud to Ole H. Borge, Iola, Wis.
Othello's Admiral 41251—G. W. Doney to M. S. Camp, Sayre, Pa.
Ouida's Ike of Pleasant View 40495—Charles Schmidt to Conrad Timmers, Kaukauna, Wis.

TRANSFERS OF GUERNSEY CATTLE

Paxtang of Ulao 42770—Robert Clausing to William Sell, West Bend, Wis.
Pearl King of Falcon's Flight 24382(Imp.)—Lewis A. Osborn to Frank H. Provost, Litchfield, Conn.
Penny Clyde of Poplar Grove 40236—W. A. Holmquist to Otto Strobeck, Little Sauk, Minn.
Perfection's Sequel 37721—William B. Tousey to Lewis G. Cooper, Memphis, N. Y.
Pergue's Glenwood King 42815—Sass Brothers to Arthur Shay, Pontiac, Ill.
Pet's St. Patrick 38431—L. J. Wendt to A. W. & F. E. Fox, Waukesha, Wis.
Phrosa's King 42954—Martin & Irwin to G. P. Boyce, Drumore, Pa.
Plato Glenwood 29266—George A. Brophy to St. Mary's Academy, South Bend Ind.
Play Boy of Waukesha 40591—A. W. & F. E. Fox to Frank B. McConnell, Richmond, Ill.
Polly's Governor of Kewaydin 42234—James M. Fox, to E. H. Baker, Gates Mills, Ohio.
Polly's Governor of Keewaydin 42234—E. H. Baker to Charles Ober, Novelty, Ohio.
Polonius Anthony 24963—John Vervooren to J. H. Roloff, Medford, Wis.
Pomeroy 2d 31413—James M. Johnson to Paul G. Frank, La Valle, Wis.
Poppy Boy of Fairview 41889—John H. Wheat & Son to Minor Gibbons, Ensenore, N. Y.
Portia's Governor 40287—Joseph A. Houske to Erlandson Brothers, Kennedy, Minn.
Portia's Yeksa Prince 36481—Joseph A. Houske to M. L. Lindfors, Fosston, Minn.
Preel of Oakwood 39461—W. Henry Bell to J. F. Rudder, Fenton, Mo.
Premier's Lad 40192—E. O. Tucker to William Blair, Ventura, Cal.
Preparedness of Penascal 40023—T. J. Baltimore to Charles Boarman, Shingle, Cal.
Pride of Fox Run 31849—Harlan F. Ober to Est. Arthur J. Parsons, Dublin, N. H.
Pride of Polonia 42792—Mrs. Eva Lehmann to Philip Steffanns, Polonia, Wis.
Pride's King of the May 26169—W. L. Breitrick to Harry Leppla, Appleton, Wis.
Primrose's Chief 39663—Rudesill Brothers to Lewis Taylor, Spring Valley, Wis.
Prince Quippi 40825—A. H. Hinman to Peter Weiland, Greenville, Wis.
Prince of Dundee 41803—L. E. Barns to Raymond Irvine, Wyalusing, Pa.
Prince of Greensboro 33871—Spencer B. Adams to R. B. Crowder, Henderson, N. C.
Prince of Indian Brook 38452—J. Lee Claffin to Mrs. Sarah E. Vinal, Westboro, Mass.
Prince of the Cedars 37122—R. C. Krueger to A. D. Brewer, Iola, Kan.
Prince of Weygandt Farm 42344—W. Weygandt to C. G. Matthews, Canonsburg, Pa.
Prince Uneeda 41417—Herbert Gray to Elmer E. Towle, Enfield, Me.
Queen Dora's Boy 38709—Gustav Pabst to L. J. McBain, Viola, Wis.
Queen's Glenwood 42953—N. W. Richards to H. P. Phinney, Saint Albans, Me.
Quinnebasset's Jury of Koshkonong Place 23646—Charles Nelson to Joe Armstrong, Saint Paul, Minn.
Questa Bloom's King Royal 16443—Robert Gould Shaw 2d to Walter C. White, Gates Mills, Ohio.
Ramola's Evergreen Range Prince 41865—George Brewer to Amel Gade, Sumner, Iowa.
Raritan's Glenwood Boy 42774—C. J. Orn to L. M. Hyzer, Barron, Wis.
Raymond's Claymere of Bonnie Neuk 38882—L. A. Wright to F. E. Fox, Waukesha, Wis.
Reuben Ray of Newbury 42874—Canterbury Shakers to Moses L. Brock, West Newbury, Vt.
Reuben Ray of Concord 42873—Canterbury Shakers to B. C. White, Concord, N. H.
Rex of The Five Firs 39503—L. N. Jensen to George Bishop, Granton, Wis.
Robert Bishop's Herot 42769—Est. S. F. Harris to Charles Freech, Medford, Wis.
Rob Glenwood's Yeksa 39218—Jack Jennings to Hugh Drury, Cass Lake, Minn.
Rogue of the Willows 42397—E. C. Patten to Ernest Getchell, Wiscasset, Me.
Roland of Lily Lake 42804—J. B Corser to Uriah Cole, Dalton, Pa.
Romona's Mainline 42913—William T. Smith to W. N. Chammings, Glen Arm, Md.
Rosalind's Boy 41179—C. Francis Minard to John H. Streeter, Venice Center, N. Y.
Rosanna's King 42790—N. A. Rasmussen to Barney Huff, Ashland, Wis.
Rosealla's Glorious 42912—A. W. Prust to H. C. Goodrich, Cambridge, Wis.
Rose's Pride of Fox Run 37643—F. B. Rice to Arthur H. Sanborn, Andover, Mass
Rose's Prince Holden 42818—Charles H. Jones to E. G. Crocker, St. Albans, Me.
Rosette's Glenwood Boy of Grand Home 38178—Hans J. Schmidt to Inness & Steele, Aitkin, Minn.
Rosstay of Fairview 33066—H. N. Melgard to Harry DeWolfe, Barron, Wis.
Rowena Boy of Midvale 30177—William Butterworth to E. J. Speer, Davenport, Iowa.
Roxie's Peerless Lad 33249—Charles Nelson to A. W. Gunter, Litchfield, Minn.
Royal B. of Edgewater 42014—F. G. Benham to A. A. Gillette, Lima, N. Y.
Royal May King 39691—Charles F. Clippert to Walter J. Henkel, Detroit, Mich.
Royal May King 39691—Walter J. Henkel to A. T. Stewart, New Buffalo, Mich.
Royal Meadow King 40217—W. T. Matzen to Fred Willie, Columbus, Nebr.
Royal Query of the Elms 42811—Charles E. Lord to C. B. Adams & Sons, Kennebunkport, Me.
Ruzeldo Prince 42884—W. H. Dow & Son to E. B. Rood, Bradentown, Fla.
Safeguard of Oak Ridge 24761—W. R. Allison to J. N. C. Morgan, Richfield, N. C.
St. Austell Dalton 43028—C. G. Parnall to Frank E. Robson, Detroit, Mich.
St. Croix Rhadamer 42296—Lloyd Rundell to Harvey Chrysler, Osseo, Wis.
St. Croix Woodrow 41187—Lloyd Rundell to Adolph Lee, Coon Valley, Wis.
St. Nick of Saradale 28911—George M. Relyea to Dahl Brothers, Blair, Wis.
Saint Raymond 35088—L. E. Barns to Edmund Tupper, Stevensville, Pa.
Salisbury Boy 42813—C. L. Neel to H. B. Knapp, Greenwood, Fla.
Sam of Crystal View 42456—T. C. Norman to H. F. Mutterer, Rockford, Minn.
Sarah E's King of Oberland 37345—Charles L. Ober to W. H. Wherry, Novelty, Ohio.
Saxon of Oil Creek 42495—H. D. Adams to A. V. Smith, Corry, Pa.
Saylor's Tungsten Courier 40348—William H. Saylor to Ernest L. Bishop, Santa Cruz, Cal.
Scott Farm Jack 42859—Frederick Holbrook to C. M. Blaisdell, Guilford, Vt.
Selma's King William 42961—J. D. Leech to McWreath Brothers, Washington, Pa.
Sequel's Ben's James 42823—John S. Pickup to Charley L. Carr, Little Valley, N. Y.
Sequel's King of Rural Glade 40081—S. W. Townsend to H. O. Fisher, Knox, Pa.
Serengeti of Lynbrook Farm 36781—T. P. Lindsey to S. I. Murphy, Media, Pa.
Serengeti of Lynbrook Farm 36781—S. I. Murphy to Borden's Condensed Milk Co., New York, N. Y.
Sheba's Governor of Cedar Lawn 37503—A. W. & F. E. Fox to C. C. Riste, Scandinavia, Wis.
Silvernite Champion 25984—George Wickersham to Orra G. Schluter, La Valle, Wis.
Sir Walter of Mapledale 39612—F. R. Chambers to N. A. Tingley, Van Wert, Ohio.
Solid of Butternut Hill 38436—John Ebels to Henry Neff, Fairview, Mich.
Spotswood Masher's Sequel of Oaklands 39675—C. F. Holmes to Phil R. Toll, Kansas City, Mo.
Spring Meadow Lad 29449—William Pennow to Philip Foltz, Dousman, Wis.
Stanford of Orchard Lane 34760—James D. Wall to Guerney Hile, Kerrmoor, Pa.
Starlight Boy of Rock 41481—John Hetts to W. H. Colling, Winfield, Kan.
Starlight of Lake Bluff 17595—L. F. Schlichenmaier to F. Kunz, Fort Atkinson Wis.
Star of Little Platt 34635—J. N. McLeod & Son to A. V. Jones, Raymond, S. D.
Steels Mara Alva 42583—A. C. Ramseyer to O. C. Cupp, Loveland, Ohio.
Stella's Lord 40318—William M. Jones to M. I. Patterson, Gorham, Kansas.
Stiletto 2d 39485—P. N. Van Eman to Eli Clark, Elgin, Ohio.
Stylish Prince of Aldermeade 42765—Est. S. W. Hartt to Prim & Burton, Port Williams, Wash.
Suburban Boy's King 42878—Joseph Waugh to Richard D. Hathaway, Dundee, N. Y.
Sunnybrook Witness 38994—Charles D. Cleveland to Harry M. Lord, Cockeysville, Md.
Susetta's Prince of Angra 35706—R. C. Krueger, to R. C. Obrecht, Topeka, Kan.
Susie's King Du Braye of Rural Glade 42861—S. W. Townsend to W. S. Todd, Greenwood, Del.
Tacoma Emigrant of Middledale 42807—Calkins & Riggs to Mrs. Sarah Sterrenburg, Tacoma, Wash.
Taurine 20620—E. D. Mitchell to S. I. Murphy, Media, Pa.
Teddy Boy of Ferris 38453—H. F. Nelson to Arthur J. Crockett, Edmore, Mich.
Teddy King of West Lake Farm 41940—Frank Williams to T. H. McConkey, Library, Pa.
The Mar of Clover Hill 23655—Warren N. Powell to Nick Schnell,, Gresham, Ore.
Theresa's Lord of Oakdale 38660—R. A. Wilkinson to James E. Davis, Stillwater, Minn.
The Stroller of Iona 30162—J. Edwin Griffith to John L. Roper, Norfolk, Va.
Thor of Rainier View 41784—Est. P. A. Hagen to A. W. Hook, Enumclaw, Wash.
Tidy's Boy 38486—W. G. Jamison to Albert Klem, Naugart, Wis.
Timothy of Springside 39642—Harry B. Shenk to Samuel B. Hershey, Manheim, Pa.
Titta Ruffo 23753—H. O. Schwenke to Robert Schwenke, New Richland, Minn.
Tomahawk's Count Rilma 38750—S. G. Courteen to H. B. McCall, Ixonia, Wis.
Tony Duke Marshall 41725—F. G. Tange to T. H. Passmore, Hutchinson, Minn.
Topaz's Pride of Arnott 35361—Peter Rasmussen to Irvin Christenson, Clarks Grove, Minn.
Top Lady's Teddy of Woods-hurst 42766—William E. Woods to Samuel A. Detwiler, Mount Pleasant, Pa.
Toulouse's Billy 30913 (Imp.)—Everett M. Hawkins to N. A. Seymour, Lancaster, Mass.
Triple Masher of Harbor Hill 39249—Clarence H. Mackay to Jules Breuchaud, Olive Bridge, N. Y.
Trowbridge of Rural Glade 37914—Howard A. Wells to Frank J. Corwin, Riverhead, N. Y.
Ultra Rose King 42964—S. M. Shoemaker to J. Edwin Griffith, Mount Washington, Md.
Vandalia's King William of Bon Ayre 42810—R. G. Murphy to G. W. Wilder, Redlands, Cal.
Vera Glen of Little Rock Farm 40139—Lewis P. Swoveland to W. H. Stults, Decatur, Ind.
Vianna's General Bay 41392—Paul D. Ives to William Bell, Schaghticoke, N. Y.
Victor of Glover 43023—Grant White to Charles White, North Craftsbury, Vt.
Viola's Knight of Clovermead 25677—Charles E. Moline to Charles Harrison, Lake City, Minn.
Violet's King of Brookside 43042—P. P. Lafferty to G. W. Wilder, Redlands, Cal.
Violet's Ormonde 43046—William W. & L. P. Hurley to F. H. Elsworth, Hopewell, N. J.
Vista Hope's Prince 42475—Frank B. Carr to Robert R. Carr, Burke, Vt.
Warrior of Maple Hill 41593—Fruit Brothers to Alfred Fisher, North Loup, Nebr.
Wida's Sequel Son 40019—L. Earl Jewett to Roberts Brothers, Bangor, Wis.
Wiggle of Hill Top 40617—R. H. Morrison to Smith & Holcomb, Farmdale, Ohio.
Willow's Masher 42778—Harry G. Binkley to Amos G. Shenk, Sale Harbor, Pa.
Wilseboy 42345—W. Weygandt to M. D. O'Harra, Eightyfour, Pa.
Winnebago Sam 2d 43019—George P. Trautwein to Edgewater Stock Farm, Fort Atkinson, Wis.
Winnie's King of the Home 39914—Anson Phelps Stokes to M. J. Landers, Lenoxdale, Mass.
Woodland Bell's King of the May 37541—C. Francis Colman to Matt Marttila, Eveleth, Minn.
Woodrow Mapleton 41390—Elizabeth Willson to John O'Hare, Cherry Valley, N. Y.
Wyebrook Brehaut 42230—C. L. A. Whitney to Samuel Hessburg, Albany, N. Y.
Yeksa's Boy of Echo Dell 42980—H. J. Appleby to Frank Riley, Minneiska, Minn.
Yeksa's King of Alswel 38573—William J. Lemp to Concord Farmers' Club, Affton, Mo.
Yeksa's Pride of Clovermead 40367—Louie Stoll to E. T. Scamp, Mora, Minn.
Yellow Champion of Athens 41618—William Lehmann to Aug. Zubke, Athens, Wis.
Zadia's Model 42978—C. E. Fulton to Walter Haun, Willard, Mo.

COWS

Alcontara 56216—R. V. Lindabury to Irenee Du Pont, Granogue, Del.
Alexia's Pride 31525—Sidney E. Floresheim to Paul E. Rudd, Milwaukee, Wis.
Allie of Rock 2d 71427—John Hetts to East Louisiana Hospital for the Insane, Jackson, La.
Almira of St. Croix 54116 (Imp.)—Clark & Jackson to W. R. Blystone, Nekoosa, Wis.
Alpha of Dent 58168—A. Marckel to Mrs. E. Dusterholt, Dent, Minn.
Angelica of Hurley-hurst 59164—William F. Fretz to William P. Wolcott, Canton, Mass.
Arabell of Lake Bluff 68475—W. J. Heid to W. O. Kunkel, Carthage, Ill.
Artful Beauty 47409—M. T. Phillips to John C. Haartz, Boston, Mass.
Attwood's Aurora 66805—C. L. A. Whitney to John A. Manning, Loudonville, N. Y.
Babette of Middlebrook 38550—Louis V. Bell to Miss Clara S. Peck, Shrewsbury, N. J.
Banana of the Isle 50417 (Imp.)—Est. Norton Downs to Addison R. Kriebel, Norristown, Pa.
Barbi 33072 (Imp.)—Alfred I. Stubbs to Albert L. Hyzer, West Salem, Wis.
Beauty III. des Fontaines 32008 (Imp.)—W. J. Royer to A. C. Ramseyer, Smithville, Ohio.
Beauty Hamilton 30992—John Herschler to C. B. Heifner, Polk, Ohio.
Beauty of Granger 71157—A. E. Indoe to C. E. Stauffer, Medina, Ohio.
Beauty of Graymont 71805—Gangestod & Lewison to P. R. Peterson, Badger, Iowa.
Beauty of Linden Lodge 68785—Clark & Jackson to Mary M. Dougherty, Cedar Rapids, Iowa.
Beauty's Dimple 60679—P. M. Crawford to Floyd Obenouf, North Lima, Ohio.
Beauty's Marcella of Good Hope 70938—Fred C. Hansen to William Fisher, Jr., Brillion, Wis.
Beechwood's Golden Bird 61551—W. P. Mitchell to P. C. Stephens, East Sumner, Me.
Belinda of Oakdale 34413—Byron Horton to Horton Brothers, North Branch, Minn.
Belle of Owascoag 46376—E. C. Milliken to Myron H. Richardson, Littleton, N. H.
Belle of Washington 25450—Bishop & Brown to Harry H. Brown, Eau Claire, Wis.
Bellwood Fannie King 71433—W. P. Craig to H. W. Wigman, Lansing, Mich.

TRANSFERS OF GUERNSEY CATTLE

Benton's Lady Chesterbrook of Ingleside 28672—Truman W. Brophy to A. W. & F. E. Fox, Waukesha, Wis.
Bessie Charmonte 36892—Amos Bryan to B. H. Weltey, Waynesboro, Pa.
Bessie of Holyoke 41434—W. F. Haenke to E. A. Black & Sons, Howard City, Mich.
Betsey Beauty of Greenwood Farm 33383—Jacob J. Blahnik to Moulton B. Goff, Sturgeon Bay, Wis.
Betsey of Bellview 48017—C. L. A. Whitney to Charles B. McEwan, Loudonville, N. Y.
Betsie of Elmwood 71448—W. F. Haenke to E. A. Black & Sons, Howard City, Mich.
Blanche's Wild Lily of Shady Nook 71449—W. J. Downing to Wilmer Gueldenzopf, Saginaw, Mich.
Blenda's Pearl 59558—Emil Marten to William A. Arries, Augusta, Wis.
Blossom of Crystal View 62749—T. C. Norman to E. O. Hutchinson, Sleepy Eye, Minn.
Blossom of Rock 2d 69575—John Hetts to J. T. Barto & Co., Richland Center, Wis.
Blue Rock Belle 56692—George L. Medill to George B. Tallman, West Grove, Pa.
Bonnie of Fern Hill 62657—David B. Phelps to Drew Ten Broeck, McLean, Ill.
Bonny Boy's Bess 71686—Mrs. Verna Webster to James Lee, Sampsel, Mo.
Bo Peep of Maudesleigh 53338—J. Beecher Yeaton to F. L. Cotton, North Hampton, N. H.
Brickfield Doris of Mara Alva 68155 (Imp.)—J. S. Yoder to C. A. Gearhart, Bucyrus, Ohio.
Calamity Jane 33801 (Imp.)—Est. E. F. Hitchins to C. Archie Bell, Shelbyville, Ky.
Camilla May 62345—Everett M. Hawkins to Alexander N. McClintock, Lancaster, Mass.
Castel's Choice Fern 56115—John W. Earley to Oaklands Farm Co., Trenton Junction, N. Y.
Cherrie of Holyoke 44135—W. F. Haenke to E. A. Blavk & Sons, Howard City, Mich.
Cinderella of Big Spring Farm 65228—Miss Willie Lee Inman to H. E. Remsburg, Middletown, Md.
Clara of Elmwood 66846—W. F. Haenke to E. A. Black & Sons, Howard City, Mich.
Clara of Oak Lawn 41911—Bishop & Brown to Harry H. Brown, Eau Claire, Wis.
Clatford Sunchine 66397—J. C. Trees to H. C. McCamon & Son, Lisbon, Ohio.
Clentine 49043—C. G. Hoover to J. N. C. Morgan, Richfield, N. C.
Cola Glenwood 71565—C. A. Balcom to William F. Ewalt, Ohio. Ill.
Cora of the Cedars 22688—Ray R. Schwartz to Percy G. Harrington, Elkhorn, Wis.
Corella of Valley View 67961—Est. Richard Simmons to Mrs. Richard Simmons & Jennie Scouten, Sylvania, Pa.
Coronation of the Mill 47098 (Imp.)—F. I. Vander Beek to J. F. DeVine, Goshen, N. Y.
Cosette of East Side 34904—Charles Edwards to W. Craig Lee, Burgettstown, Pa.
Criterion's Daisy Maid of Bellview 71388—Irvin Buckley to S. H. Fessenden, Holliston, Mass.
Criterion's Flora of Rockstone 70815—Albert G. Buckley to S. H. Fessenden, Holliston, Mass.
Criterion's Hilma of Bellview 67360—Mabel F. Bassett to John Wanko, Melrose, N. Y.
Criterion's Milk Maid of Bellview 71390—F. B. Buckley to Gilbert A. Buckley, Schaghticoke, N. Y.
Criterion's Milkyway of Bellview 71389—Albert G. & Irvin Buckley to S. H. Fessenden, Holliston, Mass.
Criterion's Queen of Bellview 66774—Charles Hornburg to S. S. Wells, Ira, N. Y.
Dairy Girl of Oakwood 56765—W. Henry Bell to T. L. Connor, Ferguson, S. C.
Dairy Maid II. des Portlettes 36348 (Imp.)—George L. Boughton to Frank B. Buckley, Valley Falls, N. Y.
Dairy Maid of Bon Ayre 65274—T. E. Lodge to G. A. Marks, Louisville, Ohio.
Dairy Maid II. of the Gree 31682 (Imp.)—W. G. Jamison & Sons to A. P. & H. S. Lovejoy, Janesville, Wis.
Daisy Bell Y. 49153—J. S. Yoder to W. J. Royer, Orrville, Ohio.
Daisy Bell Y. 49153—W. J. Royer to A. C. Ramseyer, Smithville, Ohio.
Daisy Bell Yeksa of Fairview 68499—Est. Charles Peiter to F. J. Greiner, Billings, Mo.
Daisy of Castlewood 52740—G. Kemink to Tom Neevel, Waupun, Wis.
Daisy of Good Hope 69605—Fred C. Hansen to William Fisher, Jr., Brillion, Wis.
Daisy of Maple Broeck 67795—Victor V. Schlaegel to C. A. Balcom, Ohio. Ill.
Daisy of Maple Heights 66468—Frank E. Swan to William M. Jones, Waukesha, Wis.
Daisy of Willow Grove 40406—A. Franklin Strickler to Edward Hansel, New Ulm, Minn.
Daisy Torreador 71490—James P. Risler to A. J. Snyder, Plumsteadville, Pa.
Daisy Undine 71804—Gangestod & Lewison to P. R. Peterson, Badger, Iowa.
Daphne of the Grove 25716—Clarence Whitman to John F. Ryan, Jr., & Brothers, River Valley Falls, N. Y.
Darthea's Golden Secret of Angra 71737—George W. Marble to R. C. Krueger, Burlington, Kan.
Dewdrop Beauty of Mara Alva 68139 (Imp.)—J. S. Yoder to C. A. Gearhart, Bucyrus, Ohio.
Dew Drop of Applecot 65100—Charles Hornburg to S. S. Wells, Ira, N. Y.
Diamond's Honeymoon 52975—W. S. Stooksberry to W. F. Stooksberry & Son Elkton, Ohio.
Diamond's Quintilla 62485—R. V. Lindabury to Irenee Du Pont, Granogue, Del.
Diana of Clovermead 45658—Henry Bandli to A. G. Beebe, Ladysmith, Wis.
Dolly Dimple of Deronda 71690—Est. John Engleman to A. H. McDonald, Black River Falls, Wis.
Dolly of Accomac 22820—Leonard B. Ensor to Bruce Anderson, Winston-Salem, N. C.
Dolly of Kittanning 66670—W. H. Bowser to H. W. Wigman, Lansing, Mich.
Dolly's Bell of Hillside 58833—Eugene Ludeman to B. F. Manger, Newton, Kan.
Dorothy Maupin 71684—C. B. Webster to James Lee, Sampsel, Mo.
Dottie Fern of Sunnyside 50838—C. A. Balcom to Thomas J. Shawl, Ohio. Ill.
Drusa of Sarnia 68996 (Imp.)—Charles L. Hill to Mrs. Joel Ross, Oshkosk, Wis.
Duchess of Richfield 50088—Frank B. Gardner to I. W. Schieber, Bucyrus, Ohio.
Duke's Beauty of Crystal Spring 71443—Arthur E. Jordan to William A. Littlefield, Lewiston, Me.
Eldou of Chesney Farms 41486—H. W. Griswold to Willian Nicholls, Trempealeau, Wis.
Elizabeth of Walnutta 71533—Paul Wiseman to Matt Zenz, Lancaster, Wis.
Ella Jenny 51041—W. R. Thompson to Drew Ten Broeck, McLean, Ill.
Ellenwood Princess Choice 67918—John W. Earley to Oaklands Farm Co., Trenton Junction, N. J.
Elmo's Oneita of Oakdale 64999—R. A. Wilkinson to Fred Meyers, Moorhead, Minn.
Elmo's Queen of Oakdale 64998—R. A. Wilkinson to Fred Meyers, Moorhead, Minn.
Elsie Primrose of Riverside 23965—James L. Lowd to F. B. Buckley, Valley Falls, N. Y.
Emily of Oakwood 62191—W. Henry Bell to James H. Epps, Jonesboro, Tenn.
Ertha's Glenwood Girl 32789—Grant M. Enlow to R. F. Lanning, Ottumwa, Iowa.
Estella of Neill Heights 71395—J. M. Neill to Calvin McMurray & Son, Venetia, Pa.
Esther of Maple Hill 41230—George W. Browne to Fruit Brothers, Waukesha Wis.
Ethel Torreador 71493—James P. Risler to A. J. Snyder, Plumsteadville, Pa.
Etoile d'Or 20973 (Imp.)—Warren N. Powell to Hans Henricson, Troutdale, Ore.
Etta's Pearl of Neill Heights 71396—J. M. Neill to Calvin McMurray & Son, Venetia, Pa.
Eulatus of Mara Alva 68959 (Imp.)—J. S. Yoder to C. A. Gearhart, Bucyrus, Ohio.
Excellence of Sarnia 68997 (Imp.)—Charles L. Hill to George Vidas, Albia, Iowa.
Fair Maid of Crystal View 43520—T. C. Norman to E. O. Hutchinson, Sleepy Eye, Minn.
Fairy Bell of Hillside 58157—Eugene Ludeman to B. F. Manger, Newton, Kan.
Fairy Duchess of Willow Glen 70328—A. L. Fitzpatrick to D. B. Fitzpatrick, Philadelphia, Pa.
Fairy of Farmdale 54793—Theodore Kehres to Vincent Seidel, Wayland, Ohio.
Fairy of Hedgelawn Farm 67043—Albert Kurtz to W. J. Royer, Orrville, Ohio.
Fairy of Hedgelawn Farm 67043—W. J. Royer to A. C. Ramseyer, Smithville, Ohio.
Falmouth Cousin 2d 20652—W. A. Seely to A. N. Seely, Nescopeck, Pa.
Falmouth of Gravel Ridge 67445—W. A. Seely to A. N. Seely, Nescopeck, Pa.
Fancy of Holyoke 27623—W. F. Haenke to E. A. Black & Sons, Howard City, Mich.
Fanny France 63853—Louis Mc. L. Merryman to F. H. Farrington, Brandon, Vt.
Fanny's Criterion of Bellview 70817—F. B. Buckley to S. H. Fessenden, Holliston, Mass.
Fascination of Sarnia 62078—Charles L. Hill to Walker Ferguson, Mankato, Minn.
Fern Crest's Snow 64500—Amos Bryan to Charles E. Martin, Waynesboro, Pa.
Fern Crest's Snowball 64501—Amos Bryan to Charles E. Martin, Waynesboro, Pa.
Fernleaf of Edgewood 50813—Spencer B. Adams to James R. Blacknall, Durham, N. C.
Fern of Edgewood 2d 34032—Spencer B. Adams to W. E. Allen, Latta, S. C.
Fleurie V. des Fauxquets de Haut 30254 (Imp.)—Est. William H. Ellis to W. J. Merkel, Allentown, Pa.
Flora of Edgewood 2d 50812—Spencer B. Adams to W. E. Atkinson, Orangeburg, S. C.
Flora of Elmwood 66845—W. F. Haenke to E. A. Black & Sons, Howard City, Mich.
Flossie Cowan 62547—Harry A. Jones & Brothers to Carl S. Wertz, Greensburg, Pa.
Floss of Holyoke 28975—W. F. Haenke to E. A. Black & Sons, Howard City, Mich.
Flossy Mar 41367—Harry A. Jones & Brothers to F. B. Loucks, Lamberton, Pa.
Fordhooke Beauty 67829—Est. Norton Downs to Addison R. Kriebel, Norristown, Pa.
Fordhooke Daisy 67831—Est. Norton Downs to Addison R. Kriebel, Norristown, Pa.
Fordhooke Olivia 4th 67828—Est. Norton Downs to Addison R. Kriebel, Norristown, Pa.
Forest Queen of the Merriennes 36302 (Imp.)—George L. Boughton to C. H. Sproat, Valley Falls, N. Y.
Francetta S. of Woodend 42803—Jacob Kunz to A. B. Kaercher, Ortonville, Minn.
Fritzlyn Beauty 67801—William F. Fretz to William P. Wolcott, Canton, Mass.
Galaxy of Greensboro 63688—Spencer B. Adams to James R. Blacknall, Durham, N. C.
Galaxy's Alpha 62348—W. F. Stooksberry & Son to F. S. Hall & Son, Farmdale, Ohio.
Galaxy's Daughter of Mara Alva 71618—N. L. Royer to A. C. Ramseyer, Smithville, Ohio.
Gay Lass of Lone Bell Farm 63679—Edgar Lees to S. W. Higon, Cashion, Okla.
Georgia's Buttercup 64499—Amos Bryan to Charles E. Martin, Waynesboro, Pa.
Gertie Gilleo of Graymont 28828—Gangestod & Lewison to P. R. Peterson, Badger, Iowa.
Gertrude G. of Mara Alva 71108—J. S. Yoder to C. A. Gerahart, Bucyrus, Ohio.
Gertrude Orr 22889—Frank M. Reed to W. J. Royer, Orrville, Ohio.
Gertrude Orr 22889—W. J. Royer to A. C. Ramseyer, Smithville, Ohio.
Gift of Sarnia 71520 (Imp.)—Charles L. Hill to George Vidas, Albia, Iowa.
Gistana's Griselda of Orleton 38175—F. B. Green to John Hetts, Fort Atkinson, Wis.
Glencoe's Miss of Maple Hill 42089—George W. Browne to Fruit Brothers, Waukesha, Wis.
Glen Gable Model 57700—Charles D. Rogers to Parker & Coggshall, Moravia, N. Y.
Golden Lady Carteret 31829—Sidney E. Floraheim to Paul E. Rudd, Milwaukee, Wis.
Golden Lass's Pet 68203—John S. Pickup to Charley L. Carr, Little Valley, N. Y.
Golden Maid of Grenwode 67326—E. R. Whitcomb to Robert Bartell, Thiensville, Wis.
Golden Princess of Meadowbrook 56458—R. V. Lindabury to Irenee Du Pont, Grangogue, Del.
Golden Secret of Blancs Bois 60652 (Imp.)—F. S. Peer to A. C. Cheney, Castleton-on-Hudson, N. Y.
Golden Secret's Beauty of Whitewater 50737—Est. Albert French to George E. Young, Lebanon, Ohio.
Golden Wissy of Pencoyd 32799—E. J. Adkins to B. F. Adkins, Hebron, Md.
Goldie of Randolph 40516—John W. Feightner to J. H. Silvis, Greensburg, Pa.
Goldseeker's May Rose of A. D. F. 71454—O. C. Barber to Louis McL. Merryman, Cockeysville, Md.
Goodman's Roselade 71457—H. W. Johnson to R. D. Goodman, Concord, N. C.
Governor Shamrock's Little Beauty S. 65118—N. E. Smith to Harry Warren, Chemung, N. Y.
Governor's May of Calais 61249 (Imp.)—F. S. Peer to George W. Love, Garrettsville, Ohio.
Griffin Girl of Mara Alva 68113 (Imp.)—J. S. Yoder to C. A. Gearhart, Bucyrus, Ohio.
Hambro's Juliette of Lake Bluff 59613—W. J. Heid to W. O. Kunkel, Carthage, Ill.
Hambro's May Queen 63366—W. J. Heid to W. O. Kunkel, Carthage, Ill.
Hambro's Royaline 66483—W. J. Heid to W. O. Kunkel, Carthage, Ill.
Hayes Buttercup of C. I. F. S. 70005—I. C. Blandy to Wynter Burdick, Greenwich, N. Y.
Helen Marie 69490—F S. Hall & Son, to H. C. Chamberlain, Maretta, Ohio.
Henrietta of St. Croix 48208—Theodore Larson to Herb Penfield, Hudson, Wis.
Henrietta's Queen of Elder Grove 71494—William Wied to Guy W. Pope, Waupaca, Wis.
Herivel's Daisy 33091 (Imp.)—Alfred I. Stubbs to Albert L. Hyzer, Storm Lake, Iowa.
Hero's Bess 58937—Louis V. Bell to Miss Clara S. Peck, Shrewsbury, N. J.
Hero's Ruth 52045—Louis V. Bell to Miss Clara S. Peck, Shrewsbury, N. J.
Hester's Primrose 52077—F. S. Quimby to B. L. Wilbur, North Montpelier, Vt.
Hollis 43739—J. S. Yoder to W. J. Royer, Orrville, Ohio.
Hollis 43739—W. J. Royer to A. C. Ramseyer, Smithville, Ohio.
Honeydew of Jean Du Luth 69509 (Imp.)—Jean Du Luth Farm, Inc., to Independent School District, No. 27, Hibbing, Minn.
Howard Hill's Lulu 2d 49771—A. C. Wick to Letitia Barnes, Mercer, Pa.
Howiss Stranford 27385—William W. Hurley to James M. Dunkel, Lansdale, Pa.
Ida of Applecot 65099—Charles Hornburg to S. S. Wells, Ira, N. Y.
Imogene A. 63224—Evan B. Adams to G. A. Marks, Louisville, Ohio.
Island's Busy Bee 2d 71437—Charles M. Seltzer to E. T. Gill, Haddonfield, N. J.

TRANSFERS OF GUERNSEY CATTLE

Janet of Pine Meadow 36936—J. Gilbert Hickcox to John G. Burnham, Cudahy, Wis.
Janette's Jennie B. 62158—Louis McL. Merryman to F. H. Farrington, Brandon, Vt.
Jardinette's Echo Masher 43284—H. David Evans to Smith & Ritterrath, Mesa, Ariz.
Jean of Glengary 44710—R. O. Jackson to David Roberts, Council Bluffs, Ia.
Jennie of La Grange 38497—J. M. Sumner to E. R. Betzer, Medina, Ohio.
Jennie S's Pet 71455—Silas Shook to C. R. Stewart, Vienna, Ohio.
Jessie Hayes to C. I. F. S. 70004—I. C. Blandy to Wynter Burdick, Greenwich, N. Y.
Jessie of Hurley-hurst 59165—William F. Fretz to William P. Wolcott, Canton, Mass.
Jessie's Girl of Oakwood 58167—W. Henry Bell to T. L. Connor, Ferguson, S. C.
Jessie's Glenwood Jewel 59780—Orie J. Caldwell to George H. Calvert, Glenshaw, Pa.
Juanita Marshall 57315—D. L. Newman to Nelson E. Fuller, Livermore Falls, Me.
Katherina's Pearl 21868—Welby Updike to J. B. Edsall, Pine City, N. Y.
Katie Beechwood 61550—W. P. Mitchell to P. C. Stephens, East Sumner, Me.
Katie of Oakwood 56835—W. Henry Bell to T. L. Connor, Ferguson, S. C.
Katie Red 66383—L. L. Marsh to L. T. Marsh, Marshville, N. C.
Katrine of Evergreen Place 55998—Charles Rust & Son to S. H. Rust, Mukwonago, Wis.
Kentucky Babe 71717—Est. E. S. Hitchins to C. Archie Bell, Shelbyville, Ky.
King Masher's Laddie's Maid 70319—W. J. Royer to J. S. Yoder, Wooster, Ohio.
King of the May's Princess 56937—Miss Maud W. Murphy to Louis McL. Merryman, Cockeysville, Md.
King's Brookside Violet 71834—P. P. Lafferty to R. H. Morrison, Burghill, Ohio.
Koko of Pinehurst 29659—C. A. Balcom to William F. Ewalt, Ohio. Ill.
Lady Betwixt 59818—V. B. Peters & E. D. Prouty to Victor B. Peters, Keokuk, Iowa.
Lady Chene of Ardmore Farm 71695—F. I. Vander Beek to H. H. Buckley, Oneonta, N. Y.
Lady Comet of Greendale 32899—E. C. Anderson to A. W. Anderson, Kane, Pa.
Lady Ella Jane 71833—S. C. Tremaine to H. W. Baldwin, Pennington, N. J.
Lady Estelle 46627—Louis V. Bell to Miss Clara S. Peck, Shrewsbury, N. J.
Lady Mary of Edgewood 71015—Est. F. S. Pearson to William H. Learned, Florence, Mass.
Lady Nimrod of Bon Ayre 71432—W. P. Craig to H. W. Wigman, Lansing, Mich.
Lady of Guernsey Hill 39487—Roy J. Coombe to Fred Schuchmann, Strawberry Point, Iowa.
Lady Ortonville 71387—Jacob Kunz to A. B. Kaercher, Orotonville, Minn.
Lady Rockingham of Edgemont 69593—T. E. Hyde to Philip Davis, Le Raysville, Pa.
Lady Royal of Pomeroy 38173—M. T. Phillips to John C. Haartz, Boston, Mass.
Lady Stranford A. of Pinehurst 31177—Grant M. Enlow to R. F. Lanning, Ottumwa, Iowa.
Lady Undine 49379—Gangstod & Lewison to P. R. Peterson, Badger, Iowa.
Lady Valentine of Bon Ayre 44696—F. B. Green to John Hetts, Fort Atkinson, Wis.
Lady Whiting 33952—W. F. Stooksberry to W. F. Stooksberry & Son, Elkton, Ohio.
Lavender of Rich Neck 49309—Est. H. H. Pearson, Jr., to Gladden Davis, Rocks, Md.
Leda's Polly 59535—R. V. Lindabury to Irene Du Pont, Granogue, Del.
Lemon Butter Chloe 64397—Cleophas Conkle to W. J. Royer, Orrville, Ohio.
Lemon Butter Chloe 64397—W. J. Royer to A. C. Ramseyer, Smithville, Ohio.
Lenore of Try Valley 68262—J. C. Kramer to Wilbur Rundell, Livingston, Wis.
Leona F. Marshall 58396—H. J. Brown to Wilford L. Robbins, Bethel, Me.
Les Fontaine's Primrose 69439 (Imp.)—Jean Du Luth Farm Inc., to A. P. Andrus, Ashland, Wis.
Lilly Guernsey 19535—J. S. Walters & A. J. Stutzman to George Rummel, Nappanee, Ind.
Lilly Bell's Quartz Anchor 41485—O. W. Lehmann to H. W. Griswold, New Salem, Wis.
Lily Bell's Quartz Anchor 41485—H. W. Griswold to Fred M. Stephenson, Chicago, Ill.
Lilylou 49917—Andy Heisserer to Joseph F. Diebold, Kelso, Mo.
Lily VI. of Bickleigh 39642 (Imp.)—Charles Hornberg to S. S. Wells, Ira, N. Y.
Lily of Maple Hill 70910—Fruit Brothers to Gustav Pabst, Dousman, Wis.
Linetta of Elder Grove 71495—William Wied to Guy W. Pope, Waupaca, Wis.
Little Lovey 50577—Roy J. Coombe to Fred Schuchmann, Strawberry Point, Iowa.
Lucile of the Branch 39966—F. H. Quimby to B. L. Wilbur, North Montpelier, Vt.
Lota Torreador 71491—James P. Risler to A. J. Snyder, Plumsteadville, Pa.
Mabel of Castlewood 58688—G. Kemink to Herman Kemink, Brandon, Wis.
Mabel's Waverly Lassie 69134—G. W. Doney to M. S. Camp, Sayre, Pa.
Maid of Vineland 47315—A. O. McAllister to H. R. Mosely, Omro, Wis.
Malaura 30097—Sidney E. Florsheim to Paul E. Rudd, Milwaukee, Wis.
Mandette's Pixie 60599 (Imp.)—D. W. Wiley to F. M. Helm, Fresno, Cal.
Mankato Girl 49974—T. C. Norman to E. O. Hutchinson, Sleepy Eye, Minn.
Marble B. 63314—Grover C. Brown to J. H. & J. A. Loveland, South Granby, N.Y.
Marcella's Queenan 71425—Herman J. Duecker to Mayer Brothers, New Holstein, Wis.
Margery of St. Croix 46689 (Imp.)—Fred Jones to Merickel & Nelson, Eagle Bend, Minn.
Marguerite's Cyprus Choice 67921—John W. Earley to Oaklands Farm Co., Trenton Junction, N. J.
Marhon 16471—Arthur E. Jordan to William A. Littlefield, Lewiston, Me.
Marie B. 21505—H. W. Griswold to W. A. Munn, Janesville, Wis.
Marie's Lady Jennie 63484—G. J. Hanna to C. M. Greer, Canonsburg, Pa.
Marshall's Blue Bell of Kammerer 62909—Harry A. Jones & Brothers to J. C. Phelan & Brothers, Washington, Pa.
Martha of Pittsfield 71696—L. A. Rice to Eva V. S. Robbins, Ypsilanti, Mich.
Martha's Pet 64024—H. W. Wigman to A. C. Ramseyer, Smithville, Ohio.
Martha's Pet 64024—A. C. Ramseyer to C. A. Gearhart, Bucyrus, Ohio.
Mary Ann of Oakwood 62187—W. Henry Bell to Charles Rodgers, Madison, Ind.
Mary Rilma 51025—F. B. Green & Son to John Hetts, Fort Atkinson, Wis.
Masher's Ethel 71576—Frank Gick to William J. Campbell, Ballston Spa, N. Y.
Maud of Scan 43844—O. R. Johnson to H. A. Hawks, Goshen, Ind.
May Fern 69135—H. B. N. Louttit to Charles F. Rumbaugh, Mount Pleasant, Pa.
Mayflower Sunshine 55144—J. S. Yoder to W. J. Royer, Orrville, Ohio.
Mayflower Sunshine 55144—W. J. Royer to A. C. Ramseyer, Smithville, Ohio.
May King's Princess of Ingleside 42434—Truman W. Brophy to Foster Sudler, Sudlersville, Md.
May Rose of Chilmark 42975—Charles Hornburg to George M. White, Freehold, N. Y.
Milda of Bon Ayre 65273—T. E. Lodge to G. A. Marks, Louisville, Ohio.
Minnestola Betsy 62127—Schrock & Royer to A. C. Ramseyer, Smithville, Ohio.
Minnie Marshall Sweetland 22635—William W. Hurley to James M. Dunkel, Landsdale, Pa.
Miss Belle Walbridge 63225—Evan B. Adams to G. A. Marks, Louisville, Ohio.
Miss Benton to Wayland 47613—Lee Calkins to A. S. Bechtel, Caledonia, Mich.
Miss Hazel of Edgewood 71014—Est. F. S. Pearson to F. A. Judin, Leeds, Mass.
Miss Pert of Lyndanwalt 67126—W. E. Hering to A. J. Snyder, Plumsteadville, Pa.
Miss Rose of Edgewood 71641—Est. F. S. Pearson to William H. Learned, Florence, Mass.
Moss Raider's Mary 68808—C. F. Holmes to Walter H. Dupee, Santee, Cal.
Mount Pleasant Spot 24925—Gangestod & Lewison to P. R. Peterson, Badger, Iowa.
Mr. Clinker's Fairy Girl 67960—W. P. Mitchell to Rodger Eastman, East Sumner, Me.
Mullin's Princess of State Line 61993—M. R. Baker to Ed M. Thomas, Rogers, Ohio.
Myra of Craigdale 31817—C. A. Allen to Inez Smith, Farmdale, Ohio.
Nannie's Buttercup 68200—Est. Charles Peiter to F. J. Greiner, Billings, Mo.
Naomi of Birchwood 71643—M. L. Welles, to Fred Suckow & Son, Ripon, Wis.
Naomi's Choice's Princess 68404—John W. Earley to Oaklands Farm Co., Trenton Junction, N. J.
Neith II. 17067—R. O. Jackson to John H. F. Kruse, Council Bluffs, Ia.
Nellie Beyea 22590—Lee Calkins to G. W. Pickett, Caledonia, Mich.
Nellie Beyea's Petite Diable 52120—Lee Calkins to A. S. Bechtel, Caledonia, Mich.
Nimble of Birchwood 70823—M. L. Welles to C. W. Brasure, Hartford, Wis.
Nine Spot 67711—Charles Hornburg to S. S. Wells, Ira, N. Y.
Olive of Brickfield of Mara Alva 68156 (Imp.)—J. S. Yoder to C. A. Gearhart, Bucyrus, Ohio.
Olivia of Elder Grove 67289—William Wied to Guy W. Pope, Waupaca, Wis.
Pansy Bloom of Pleasant Hill 70809—Dorsey Brothers to E. L. Boyd & Son, Connellsville, Pa.
Pansy of Homedale Farm 49270—P. J. Columbus to Josh R. Randabaugh, Victor, Mont.
Pansy of Skippack 27336—Wesley S. Guynup to Cole and Stauffer, Beloit, Wis.
Parry's Zela 30207—Paul Wiseman to Matt Zenz, Lancaster, Wis.
Patroness 26799—Sidney E. Florsheim to Paul E. Rudd, Milwaukee, Wis.
Paul's Climax Camilla 37520—Everett M. Hawkins to Alexander N. McClintock, Lancaster, Mass.
Pearl of the Valley 32955—Fred W. Backer to Guy C. Anderson, Ogdensburg, Wis.
Pearl's Lady 57798—W. J. Royer to J. S. Yoder, Wooster, Ohio.
Pearly Catoe 63223—M. R. Baker to Van J. Morris, Lisbon, Ohio.
Peggy of Whitehall 71688—J. A. Truesdell to Harry S. Dulin, Bluemont, Va.
Petite of Silverbrook 71808—Emlen Wood to Charles S. Powell, Frazier, Pa.
Pittstown Lassie 32384—Menno Zook to Isaac N. Glick, Smoketown, Pa.
Pollyanna of Clifton 71592—Charles W. Zimmerman to Leroy Chamberlain, Paeonian Springs, Va.
Pollyanna of Clifton 71592—Leroy Chamberlain to Henry C. Winslow, Paeonian Springs, Va.
Pollyanna of Ewing 63744—A. J. Snyder to Lee R. James, Montrose, Pa.
Pride's Camilla 54211—Everett M. Hawkins to Alexander N. McClintock, Lancaster, Mass.
Pride's Cassie Belle 59184—Everett M. Hawkins to Alexander N. McClintock, Lansacter, Mass.
Pride's Lady Kiteja 63169—E. G. Van Heuklom to Aura G. Main, Clintonville, Wis.
Pride's Lily of Evergreen 54631—E. G. Van Heuklom to Aura G. Main, Clintonville, Wis.
Pride's Louise 43375—Everett M. Hawkins to Alexander N. McClintock, Lancaster, Mass.
Pride's Wonder of Evergreen 47554—E. G. Van Heuklom to Aura G. Main, Clintonville, Wis.
Primrose Camilla 70247—Everett M. Hawkins to Alexander N. McClintock, Lancaster, Mass.
Primrose Girl 46371—Louis V. Bell to Miss Clara S. Peck, Shrewsbury, N. J.
Primrose Louise 69198—Everett M. Hawkins to Alexander N. McClintock, Lancaster, Mass.
Primrose of Meadow Spring Farm 71617—Amos Bryan to B. H. Weltey, Waynesboro, Pa.
Primrose of the Villocq 35208 (Imp.)—George L. Boughton to Frank B. Buckley, Valley Falls, N. Y.
Primrose Polly 54540—R. V. Lindabury to Irenee Du Pont, Granogue, Del.
Prince's Fashion 65513—E. V. Lindabury to Irenee Du Pont, Granogue, Del.
Princess Irene 70205—George A. Bridge to Byron Main, Wyoming, N. Y.
Princess Lady Copland 67920—John W. Earley to Oaklands Farm Co., Trenton Junction, N. J.
Princess of East View 2d 70669—Willard Carpenter to Marion Lewis, Cameron Mills, N. Y.
Princess's May Daughter 68403—John W. Earley to Oaklands Farm Co., Trenton Junction, N. J.
Prona 37310—Charles Edwards to W. Craig Lee, Burgettstown, Pa.
Queen Bernanderie of the Oaks 37671—J. M. Fox to Manira Laura Simpson, Oil City, Pa.
Queen Bess of the Brandywine 51789—George L. Medill to George B. Tallman, West Grove, Pa.
Queen Elizabeth of Maple Row 27264—George F. Fisher to W. J. French, Pike, N. Y.
Queen Lycurgus 71803—Gangestod & Lewison to P. R. Peterson, Badger, Iowa.
Queen of Maple Ave. 2d 42180—D. B. Wiley to F. T. Hill & Son, Greene, Me.
Queen of Maple Row 61217—A. H. Bishop to Lyman Warick, Sodus, Mich.
Queen of the Falls 70890—W. H. & B. L. Hanchett to A .H. McDonald, Black River Falls, Wis.
Queen of Vineland 46764—A. O. McAllister to C. J. Fries, Ogdensburg, Wis.
Queen Romany 32881—J. M. Fox to Oakwood Farm & Garden Co. Ltd., Oil City, Pa.
Queen's Lily 45233—William Inge to W. E. Welty, Cherryvale, Kan.
Queen's Viola of Wendover 71630—Walter P. Bliss to New Jersey Agricultural College, New Brunswick, N. J.
Ranger's Spotted Beauty 59474—H. W. Wigman to A. C. Ramseyer, Smithville, Ohio.
Raymond's Darling of Rockstone 70816—Albert G. Buckley to S. H. Fessenden, Holliston, Mass.
Raymond's Rose of Fritzlyn 36834—William F. Fretz to William P. Wolcott, Canton, Mass.
Reddie of Holyoke 41435—W. F. Haenke to E. A. Black & Sons, Howard City, Mich.
Red Rose of Brookmead 32846—E. J. Adkins to B. F. Adkins, Hebron, Md.
Reed's Marshall's Dorothy 65593—Harry A. Jones & Brothers to J. C. Phelan & Brothers, Washington, Pa.
Rexine 63020—A. Marckel to Mrs. E. Dusterhoft, Dent, Minn.
Rochester Jewel 20063—Albert C. Loring to L. Johannessohn, Beltrami, Minn.
Roselle of Harriton 70536—M. M. Vaux to Joseph C. Trainer, Somerton, Philadelphia, Pa.
Rose Mary of Cedar Lane 70284—J. S. Yoder to C. A. Gearhart, Bucyrus, Ohio.
Rosemary of Oaklawn 57845—T. J. Horton to Horton Brothers, North Branch, Minn.
Rose of Bath 70604—J. M. Sumner to Charles Harris, Medina, Ohio.
Rosette II. of Melrose 36330 (Imp.)—J. G. Sherman to Robert Gould Shaw 2d, Newton Center, Mass.
Rougette of les Fontenelles 26689 (Imp.)—Warren A. Gerrits to William M. Jones, Waukesha, Wis.

TRANSFERS OF GUERNSEY CATTLE

Roxie of Willow Glen 70327—A. L. Fitzpatrick to D. B. Fitzpatrick, Philadelphia, Pa.
Royal Antonina 39382—Robert Gould Shaw 2d to E. Carlton Hayward, South Easton, Mass.
Royalella of Lake Bluff 33550—Sidney E. Florsheim to Paul E. Rudd, Milwaukee, Wis.
Royal's Pearl 45209—M. T. Phillips to John C. Haartz, Boston, Mass.
Russet Miranda 70106—George L. Boughton to Frank B. Buckley, Valley Falls, N. Y.
Rustic Lady 46783—Mark D. Fitzpatrick to J. W. Randles, Stevensville, Mont
Ruthie III. 54475 (Imp)—B. L. Rundell to J. D. Anderson, Beecher City, Ill.
Ruth May of Deronda 71689—Est. John Engleman to A. H. McDonald, Black River Falls, Wis.
Ruth of Bonny Brook 34176—Louis V. Bell to Miss Clara S. Peck, Shrewsbury, N. J.
Ruth of Grand View's Pride 50054—Evan B. Adams to G. A. Marks, Louisville, Ohio.
St. Croix's Veno 63820—Lloyd Rundell to L. M. Hyzer, Barron, Wis.
Sally's Pride III. of le Douit 66985 (Imp.)—F. S. Peer to Samuel T. Weldon, Simsbury, Conn.
Saydy of Iowa 35978 (Imp.)—T. J. Horton to Horton Brothers, North Branch, Minn.
Sequel of Salem 69227—E. T. Samuels to A. G. Stone, Ithaca, N. Y.
Sequel's Countess 66720—J. W. Hutchinson to L. H. Renner, Medina, Ohio.
Sequel's Daisy of Pomeroy 47406—M. T. Phillips to John C. Haartz, Boston, Mass.
Sequel's Fancy Willowdale 34710—Est. Albert French to George E. Young, Lebanon, Ohio.
Sequel's Fancy of Willowdale 2d 58328—Est. Albert French to George E. Young, Lebanon, Ohio.
Sequel's Fillpail 66296—W. J. Royer to J. S. Yoder, Wooster, Ohio.
Sequel's Juliette 42505—P. G. Larson to Alfred I. Stubbs, West Salem, Wis.
Sequel's Juliette 42505—Alfred I. Stubbs to Albert L. Hyzer, West Salem, Wis.
Sequel's Juliette 42505—Albert L. Hyzer to Albert Breeches, Storm Lake, Ia.
Sequel's Lovely Pet 65579—J. M. LeVan to F. S. Hall & Son, Farmdale, Ohio.
Sequel's Lovely Pet 65579—F. S. Hall & Son to H. G. Chamberlain, Marietta, Ohio.
Serine 36857—William H. Piper to H. J. Clipson, Glenwood, Iowa.
Shamrock's Gipsy S. 65117—N. E. Smith to Harry Warren, Chemung, N. Y.
Shamrock's Little Bessie S. 65116—N. E. Smith to F. N. Terpenning, West Oneonta, N. Y.
Shamrock's Pride 71809—W. J. Beck to John W. Scott, Newark, Del.
Sophie of Wayland 38244—M. R. Baker to W. C. Keenan, Akron, Ohio.
Sparkle of Wasteland 32872—E. J. Adkins to B. F. Adkins, Hebron, Md.
Spot of Orleans 71447—J. E. Chase to George L. Reed, Craftsburg, Vt.
Spott B. 70647—Grover C. Brown to J. H. & J. A. Loveland, South Granby, N. Y.
Spotted Rose of Scan 31077—O. R. Johnson to H. A. Hawks, Goshen, Ind.
Spring Brook Busy Bee 71435—Charles M. Seltzer to E. T. Gill, Haddonfield, N. J.
Spring Brook Busy Bee 2d 71440—Charles M. Seltzer to E. T. Gill, Haddonfield, N. J.
Spring Brook Island Busy Bee's Daisy 71439—Charles M. Seltzer to E. T. Gill, Haddonfield, N. J.
Spring Brook Island Busy Bee 71436—Charles M. Seltzer to E. T. Gill, Haddonfield, N. J.
Spring Brook Island Busy Bee's Rose 71438—Charles M. Seltzer to E. T. Gill, Haddonfield, N. J.
Starlight Queen of Rock 2d 69579—John Hetts to J. T. Barto & Co., Richland Center, Wis.
Stella Torreador 71492—James P. Risler to A. J. Snyder, Plumsteadville, Pa.
Sunbeam Mar 43417—W. P. Craig to A. C. Ramseyer, Smithville, Ohio.
Sweet Alice's Pride 57735—B. L. Rundell to J. D. Anderson, Beecher City, Ill.
Thelma Duchess of Hillside 63122—Eugene Ludeman to B. F. Manger, Newton, Kan.
Tidy's Girl 41394—W. G. Jamison to A. P. & H. S. Lovejoy, Janesville, Wis.
Tootsie El Moore 70204—George A. Bridge to Howard & Persis Bell, Stafford, N. Y.
Topsy's Gem 67642—H. B. N. Loutitt to Charles F. Rumbaugh, Mount Pleasant, Pa.
Topsy's Legacy 44784—W. E. Sigler to G. W. Wilder, Redlands, Cal.
Tricksey of Maple Broeck 68819—Victor V. Schlaegel to C. A. Balcom, Ohio, Ill.
Tulip des Sages III. 44282 (Imp.)—W. P. Craig to Webster Griffith, Ebensburg, Pa.
Veno 35689—C. A. Smith to Charles A. Reik, Boyceville, Wis.
Vilena of Rose City 67759—W. A. Goodin to H. Mason, Tillamook, Ore.
Violet of Oaklawn 52058—Byron Horten to Horten Brothers, North Branch, Minn.
Violet's Pride 33331—Mike Beck to J. E. Long, Monongahela, Pa.
Wanda La Rue 71685—Mrs. Verna Webster to James Lee, Sampsel, Mo.
West Lands Matron 71807—F. S. Ainsworth to G. E. Bassingthwaighte, Strafford, Vt.
West Lands Ruth 54495—L. P. Hazelton to George E. Bassingthwaighte, Strafford, Vt.
Wilda Rose of Brooklands 71483—Clark G. Booth to Mrs. Ella C. Booth, Ensenore, N. Y.
Winnie of Bellview 65631—Charles Hornburg to S. S. Wells, Ira, N. Y.
Worcester's Fairy 2d 64502—Amos Bryan to Charles E. Martin, Waynesboro, Pa.
Wyebrook Chene's Jewel 64235—C. L. A. Whitney to John A. Manning, Loudonville, N. Y.
Wyoming of Linden Lodge 68784—Clark & Jackson to Mary M. Dougherty, Cedar Rapids, Iowa.
Yellow Rose of Bon Ayre 65275—T. E. Lodge to G. A. Marks, Louisville, Ohio.
Yeoman's Mable of Hazel Hill 71692—L. C. Strock to W. A. Barnes, Brinkhaven, Ohio.
Zeffresa Queen of Rock 69580—John Hetts to Herman Schoen, Manawa, Wis.
Zenobia of Fern Hill 57434—David B. Phelps to Drew Ten Broeck, McLean, Ill.

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